

## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



SF918  
B5V4

5



United States  
Department of  
Agriculture

Animal and  
Plant Health  
Inspection  
Service

Biotechnology,  
Biologics, and  
Environmental  
Protection

Hyattsville, Md.

# Veterinary Biological Products

Licensees and  
Permittees  
January 1990

RECORDS  
BRANCH

JAN 13 '90

U.S. DEPT. OF AGRICULTURE  
ANIMAL LIBRARY  
RECEIVED





## I N T R O D U C T I O N

This semiannual publication lists all licensed establishments, licensees, and permittees, with their subsidiaries and divisions, as well as the biological products they are authorized to produce or import.

An alphabetical listing identifies the firms with the appropriate establishment license number.

The listing of licensed establishments by number identifies each licensee, permittee, subsidiary, and division authorized to do business in the establishment.

The index of product components lists by page number where each antigenic fraction is listed. The fraction reference may appear in more than one section; for example, canine distemper appears in vaccines, antiserums, and vaccines with bacterin/toxoids, and diagnostics.

Under the alphabetical listing of licensed biological products, the principal parts of the true name are underlined, and each product is assigned a code number by Veterinary Biologics. A separate license is issued and a code number assigned for each Outline of Production filed. The license number of each firm authorized to produce a biological product is listed to the right of the product.

The alphameric system used for product codes provides for a six-digit number or number-letter combination to be assigned to each product, i.e., the first digit denotes product types; second and third, grouping by agents; fourth, the viability of vaccines (live, killed, modified live, etc.); fifth, substrates; and sixth, miscellaneous variables.

Included in this issue is a section designated "Products for Further Manufacture." These products represent one or more biological fractions brought to a prescribed stage of production requiring further processing before becoming a completed or finished product.

True names for these products describe only the product licensed, such as virus, killed culture, purified antibody, etc. Current product nomenclature such as vaccine, bacterin, etc., will be used only for completed product.





## TABLE OF CONTENTS

1	ALPHABETICAL LISTING LICENSEES, PERMITTEES, SUBSIDIARIES, DIVISION
7	NUMERICAL LISTING OF ESTABLISHMENTS
19	VACCINES AND VIRUSES
40	BACTERINS AND BACTERIAL EXTRACTS
52	ANTISERUMS
55	VACCINES WITH BACTERINS/TOXOIDS
69	DIAGNOSTICS
76	ANTITOXINS
77	BACTERIN-TOXOIDS
81	TOXOIDS
82	MISCELLANEOUS PRODUCTS
84	PRODUCTS FOR FURTHER MANUFACTURE
92	INDEX OF PRODUCT COMPONENTS





## ALPHABETICAL LISTING OF LICENSEES - SUBSIDIARIES - DIVISIONS

	<u>LICENSE NUMBER</u>
A M BIO TECHNIQUES INC	292
ADDISON BIOLOGICAL LABORATORY, INC.	355
AFFILIATED LABORATORIES	225
AGDIA INC.	369
AMBICO, INC.	281
AMERICAN ANIMAL HEALTH INC.	315
AMERICAN HOME PRODUCTS CORPORATION	112 112A 112B
AMERICAN VETERINARY LABORATORY, INC.	290
AMERICAN VETERINARY REFERENCE LABORATORY	347
AMERICANA LABORATORIES, INC.	188
AMTRON, INC.	326
ANCHOR DIVISION	124
ANIMAL BIOTECH CORP.	333
ANIMAL HEALTH DIVISION	52 213
ARKO LABORATORIES LTD.	337
AVECO COMPANY, INC.	112
BALLISTIVET, INC.	331
BARCO LABORATORIES	328
BEECHAM LABORATORIES	225
BEECHAM, INC.	225
BINAX, INC.	330
BIO VAC LABORATORIES, INC.	307
BIO-CEUTIC DIVISION	124
BIO-TRENDS INTERNATIONAL, INC.	375
BIOLOGICS CORPORATION	272
BIOMED INCORPORATED	285
BIOMUNE, INCORPORATED	368

## ALPHABETICAL LISTING OF LICENSEES - SUBSIDIARIES - DIVISIONS

	<u>LICENSE NUMBER</u>
BIOTECH RESEARCH LABORATORIES, INC	358
BOEHRINGER INGELHEIM ANIMAL HEALTH, INC.	124
BRINTON LABORATORIES INC.	343
CAMBRIDGE BIOSCIENCE CORP.	317
CAMBRIDGE POULTRY LABORATORIES, INC.	307
CAVL, INC.	364
CENTER LABORATORIES	259
CENTRAL BIOLOGICS INC.	334
CENTRAL BIOMEDIA, INC.	328
CEVA LABORATORIES, INC.	243
CHARLES RIVER BIOTECHNICAL SERV.	344A
COLORADO SERUM COMPANY	188
CONNAUGHT ANIMAL HEALTH	287
CONNAUGHT LABORATORIES, INC.	287
CONTINENTAL PHARMACAL COMPANY	188
COOPERS ANIMAL HEALTH, INC.	107
COOPERS ANIMAL HEALTH, INC. (PERMITTEE)	311
CORN STATES LABORATORIES	301
CUPREM, INC.	363
DEKALB GENETICS CORPORATION	271
DEKALB POULTRY RESEARCH INC.	271
DELMONT LABORATORIES, INC.	339
DENVER COLORADO LABORATORIES, INC.	188
DIAMOND SCIENTIFIC CO.	213
DISEASE DETECTION INTERNATIONAL	342
EM INDUSTRIES, INCORPORATED	259
EM PHARMACEUTICALS, INC.	259

## ALPHABETICAL LISTING OF LICENSEES - SUBSIDIARIES - DIVISIONS

	<u>LICENSE NUMBER</u>
EMPIRE VETERINARY COMPANY	188
EQUIGAM PRODUCTS, INC.	276
FERMENTA ANIMAL HEALTH CO.	272
FORT DODGE LABORATORIES, INC.	112 112A 112B
FRANKLIN LABORATORIES, INC.	112 112A 112B
GRAND LABORATORIES INC.	303
GREENBRIAR VETERINARY SERVICES, INC	297
GREER LABORATORIES, INC.	294
HARLAN SPRAGUE DAWLEY, INC.	245
HOLLISTER-STIER	52A
IATRIC CORPORATION	321
IDETEK INCORPORATED	325
IDEXX CORP.	313
IDEXX GMBH	313
IMMUCELL CORPORATION	327
IMMUNO-DYNAMICS, INC.	379
IMMUNOGENETICS, INC.	196
IMMUNOMED CORPORATION	302 302A
IMMUNOVET INC.	302 302A
IMMVAC, INC.	345
INTERNATIONAL IMMUNOLOGY CORP.	361
INTERNATIONAL, INC.	188
INTERVET AMERICA INC.	286
INTERVET AMERICA INC. (PERMITTEE)	286A
JENSEN RESEARCH LABORATORIES	383
JERRY ZINN (PERMITTEE)	335
KADEL VACCINE COMPANY	323



## ALPHABETICAL LISTING OF LICENSEES - SUBSIDIARIES - DIVISIONS

	<u>LICENSE NUMBER</u>
KEEVET LABORATORIES	280
KIRKEGAARD & PERRY LABS, INC.	350
LAKE IMMUNOGENICS, INC.	318
LANGFORD LABORATORIES, INC. (PERMITTEE)	362
LASHER ASSOCIATES, INC.(PERMITTEE)	305
LEPRINO FOODS, INC.	340
LONG ISLAND DUCK RESEARCH COOP., INC.	268
MAINE BIOLOGICAL LABORATORIES, INC.	240
MERCK & COMPANY, INC.	3
MERCK CHEMICAL DIVISION	3
MERCK SHARP & DOHME INTERNATIONAL	3
METROPOLITAN MEDICAL COMPANY	188
MICHIGAN DEPT OF PUBLIC HEALTH	308
MICROBIOLOGICAL ASSOCIATES INC.	299
MILES LABORATORIES, INC.	52A 270
MILES PHARMACEUTICALS	270
MOBAY CORPORATION	52 213
MVP, INC.	301
NELCO LABORATORIES INC.	359
NMS PHARMACEUTICALS INC.	333
NOBL LABORATORIES INC.	319
NORDEN LABORATORIES	189
ORGANON TEKNIKA CORPORATION	293
OXFORD VETERINARY LABORATORIES, INC.	307
PEL-FREEZE RABBIT MEAT INC.	322
PITMAN-MOORE, INC.	226 264
POULTRY HEALTH LABORATORIES	357

## ALPHABETICAL LISTING OF LICENSEES - SUBSIDIARIES - DIVISIONS

	<u>LICENSE NUMBER</u>
PROCOR TECHNOLOGIES, INC.	370
PROFESSIONAL BIOLOGICAL COMPANY	188
PROSCIENCE CORPORATION	372
PROTATEK INTERNATIONAL INC.	329
PROTEIN TECHNOLOGY, INC.	341
QUAD FIVE	366
RESEARCH BIOGENETICS INC.	346
RHONE MERIEUX, INC.	298
RIBI IMMUNOCHEM RESEARCH, INC.	300
SANOFI ANIMAL HEALTH, INC.	243A
SCHERING CORPORATION	165A
SCIENTIFIC LABORATORIES, INC.	188
SELECT LABORATORIES, INC.	279
SMITHKLINE ANIMAL HEALTH PRODUCTS	189
SMITHKLINE BECKMAN CORPORATION	189
SOLVAY ANIMAL HEALTH, INC.	195 195A
SOLVAY VETERINARY, INC.	195 195A
STERWIN LABORATORIES, INC.	226
SYNBIOTICS CORPORATION	312
SYNTROVET INCORPORATED	314
TECHAMERICA DIAGNOSTICS, INC.	272
TECHAMERICA GROUP, INC.	272
TEXAS VET LAB INC	290
TRI BIO LABORATORIES, INC.	275A
TRI-BIO LABORATORIES, INC.	275
UNITED VACCINES	245
UNIVERSAL LABORATORIES, INC.	188

## ALPHABETICAL LISTING OF LICENSEES - SUBSIDIARIES - DIVISIONS

	<u>LICENSE NUMBER</u>
UNIVERSITY LABORATORIES, INC.	291
VETERINARY DIAGNOSTIC TECHNOLOGY, INC.	336
VETERINARY DYNAMICS, INC.	360
VETREPHARM RESEARCH INC.	289
VINELAND LABORATORIES	196
VIRAL ANTIGENS INC.	320
VMRD, INC.	332
WILLAMETTE LABORATORIES	324
WILLMAR POULTRY COMPANY	365
WYETH INTERNATIONAL LIMITED	112 112A 112B
WYETH VETERINARY PRODUCTS, INC.	112A 112B



# NUMERICAL LISTING OF ESTABLISHMENTS

## LICENSE NUMBER

MERCK & COMPANY, INC.	3
DIVISIONS: MERCK CHEMICAL DIVISION	
MERCK SHARP & DOHME INTERNATIONAL	
MAIL: MERCK SHARP & DOHME	
DIVISION OF MERCK & CO., INC.	
WEST POINT, PA 19486	
MOBAY CORPORATION	52
DIVISIONS: MOBAY CORPORATION	
ANIMAL HEALTH DIVISION	
MAIL: MOBAY CORPORATION	
ANIMAL HEALTH DIVISION	
P. O. BOX 390	
SHAWNEE MISSION, KS 66201	
MILES LABORATORIES, INC.	52A
DIVISIONS: HOLLISTER-STIER	
MAIL: HOLLISTER-STIER	
DIV OF MILES LABORATORIES INC	
P O BOX 3145	
SPOKANE, WA 99220-3153	
COOPERS ANIMAL HEALTH, INC.	107
MAIL: COOPERS ANIMAL HEALTH, INC.	
2000 SOUTH 11TH STREET	
KANSAS CITY, KS 66103-1438	
AMERICAN HOME PRODUCTS CORPORATION	112
SUBSIDIARIES: AVECO COMPANY, INC.	
WYETH INTERNATIONAL LIMITED	
FRANKLIN LABORATORIES, INC.	
FORT DODGE LABORATORIES, INC.	
MAIL: FORT DODGE LABORATORIES, INC.	
FORT DODGE, IA 50501	
AMERICAN HOME PRODUCTS CORPORATION	112A
SUBSIDIARIES: FORT DODGE LABORATORIES, INC.	
FRANKLIN LABORATORIES, INC.	
WYETH INTERNATIONAL LIMITED	
WYETH VETERINARY PRODUCTS, INC.	
MAIL: FRANKLIN LABORATORIES, INC.	
P.O. BOX 669	
AMARILLO, TX 79105	
AMERICAN HOME PRODUCTS CORPORATION	112B
SUBSIDIARIES: FORT DODGE LABORATORIES, INC.	
FRANKLIN LABORATORIES, INC.	
WYETH INTERNATIONAL LIMITED	
WYETH VETERINARY PRODUCTS, INC.	
MAIL: WYETH LABORATORIES, INC.	
WASP & BIDDLE STREETS	
MARIETTA, PA 17547	

# NUMERICAL LISTING OF ESTABLISHMENTS

	<u>LICENSE NUMBER</u>
BOEHRINGER INGELHEIM ANIMAL HEALTH, INC. DIVISIONS: BIO-CEUTIC DIVISION ANCHOR DIVISION MAIL: BOEHRINGER INGELHEIM ANIMAL HLTH 2621 NORTH BELT HIGHWAY ST. JOSEPH, MO 64502	124
SCHERING CORPORATION MAIL: SCHERING CORPORATION P.O. BOX 3113 OMAHA, NE 68103	165A
COLORADO SERUM COMPANY SUBSIDIARIES: AMERICANA LABORATORIES, INC. CONTINENTAL PHARMACAL COMPANY DENVER COLORADO LABORATORIES, INC. EMPIRE VETERINARY COMPANY INTERNATIONAL, INC. METROPOLITAN MEDICAL COMPANY PROFESSIONAL BIOLOGICAL COMPANY SCIENTIFIC LABORATORIES, INC. UNIVERSAL LABORATORIES, INC. MAIL: COLORADO SERUM COMPANY 4950 YORK STREET DENVER, CO 80216	188
SMITHKLINE BECKMAN CORPORATION SUBSIDIARIES: NORDEN LABORATORIES DIVISIONS: SMITHKLINE ANIMAL HEALTH PRODUCTS MAIL: NORDEN LABORATORIES P.O. BOX 80809 LINCOLN, NE 68501-0809	189
SOLVAY ANIMAL HEALTH, INC. SUBSIDIARIES: SOLVAY VETERINARY, INC. MAIL: SOLVAY ANIMAL HEALTH, INC. SALSBURY LABORATORIES, INC. 2000 ROCKFORD ROAD CHARLES CITY, IA 50616	195
SOLVAY ANIMAL HEALTH, INC. SUBSIDIARIES: SOLVAY VETERINARY, INC. MAIL: SOLVAY ANIMAL HEALTH, INC. SOLVAY VETERINARY, INC. 703 LAKE SHORE ROAD GRAFTON, WI 53024	195A
IMMUNOGENETICS, INC. DIVISIONS: VINELAND LABORATORIES MAIL: VINELAND LABORATORIES 2285 EAST LANDIS AVENUE VINELAND, NJ 08360	196

# NUMERICAL LISTING OF ESTABLISHMENTS

## LICENSE NUMBER

MOBAY CORPORATION	213
SUBSIDIARIES: DIAMOND SCIENTIFIC CO.	
DIVISIONS: ANIMAL HEALTH DIVISION	
MAIL: DIAMOND SCIENTIFIC CO.	
P O BOX 328	
DES MOINES, IA 50302	
BEECHAM, INC.	225
SUBSIDIARIES: AFFILIATED LABORATORIES	
DIVISIONS: BEECHAM LABORATORIES	
MAIL: BEECHAM LABORATORIES	
P.O. BOX 221	
WHITE HALL, IL 62092	
PITMAN-MOORE, INC.	226
SUBSIDIARIES: STERWIN LABORATORIES, INC.	
MAIL: STERWIN LABORATORIES, INC.	
ROUTE 113 P O BOX 537	
MILLSBORO, DE 19966	
MAINE BIOLOGICAL LABORATORIES, INC.	240
MAIL: MAINE BIOLOGICAL LABORATORIES	
P.O. BOX 255	
WATERVILLE, ME 04901	
CEVA LABORATORIES, INC.	243
MAIL: CEVA LABORATORIES, INC.	
P.O. BOX 6	
BERLIN, MD 21811	
SANOFI ANIMAL HEALTH, INC.	243A
MAIL: SANOFI ANIMAL HEALTH, INC.	
12300 SANTA FE DRIVE	
LENEXA, KS 66215	
HARLAN SPRAGUE DAWLEY, INC.	245
DIVISIONS: UNITED VACCINES	
MAIL: UNITED VACCINES	
7819 AIRPORT ROAD	
MIDDLETON, WI 53562	
EM INDUSTRIES, INCORPORATED	259
SUBSIDIARIES: EM PHARMACEUTICALS, INC.	
DIVISIONS: CENTER LABORATORIES	
MAIL: CENTER LABORATORIES	
35 CHANNEL DRIVE	
PORT WASHINGTON, NY 11050	
PITMAN-MOORE, INC.	264
MAIL: PITMAN-MOORE, INC.	
P.O. BOX 344	
WASHINGTON CROSSING, NJ 08560	



# NUMERICAL LISTING OF ESTABLISHMENTS

	<u>LICENSE NUMBER</u>
LONG ISLAND DUCK RESEARCH COOP., INC. MAIL: LONG ISLAND DUCK RESEARCH COOP. OLD COUNTRY ROAD P.O. BOX 217 EASTPORT, NY 11941	268
MILES LABORATORIES, INC. DIVISIONS: MILES PHARMACEUTICALS MAIL: MILES PHARMACEUTICALS DIVISION OF MILES LABS, INC. 400 MORGAN LANE WEST HAVEN, CT 06516	270
DEKALB GENETICS CORPORATION DIVISIONS: DEKALB POULTRY RESEARCH INC. MAIL: DEKALB BIOLOGICS DEKALB POULTRY RESEARCH INC. 3100 SYCAMORE ROAD DEKALB, IL 60115	271
FERMENTA ANIMAL HEALTH CO. SUBSIDIARIES: BIOLOGICS CORPORATION TECHAMERICA DIAGNOSTICS, INC. TECHAMERICA GROUP, INC. MAIL: FERMENTA ANIMAL HEALTH CO. 10150 NORTH EXECUTIVE HILLS BLVD P O BOX 901350 KANSAS CITY, MO 64190-1350	272
TRI-BIO LABORATORIES, INC. MAIL: TRI-BIO LABORATORIES, INC. 1400 FOX HILL ROAD STATE COLLEGE, PA 16801	275
TRI BIO LABORATORIES, INC. MAIL: TRI BIO LABORATORIES, INC. 1400 FOXHILL ROAD STATE COLLEGE, PA 16803	275A
EQUIGAM PRODUCTS, INC. MAIL: EQUIGAM PRODUCTS, INC. 1615 WEST WATERS AVENUE TAMPA, FL 33604	276
SELECT LABORATORIES, INC. MAIL: SELECT LABORATORIES, INC. P O DRAWER 2415 1134 AIRPORT PKWY SW GAINESVILLE, GA 30503	279

# NUMERICAL LISTING OF ESTABLISHMENTS

	<u>LICENSE NUMBER</u>
KEEVET LABORATORIES MAIL: KEEVET LABORATORIES P.O. BOX 1706 ANNISTON, AL 36202	280
AMBICO, INC. MAIL: AMBICO, INC. P O BOX 522 DALLAS CENTER, IA 50063	281
BIOMED INCORPORATED MAIL: BIOMED INCORPORATED 1720 130TH AVENUE NORTH EAST BELLEVUE, WA 98005-2203	285
INTERVET AMERICA INC. MAIL: INTERVET AMERICA INC. P.O. BOX 318 405 STATE STREET MILLSBORO, DE 19966	286
INTERVET AMERICA INC. (PERMITTEE) MAIL: INTERVET AMERICA INC. P. O. BOX 318 OLD LANDING ROAD MILLSBORO, DE 19966	286A
CONNAUGHT LABORATORIES, INC. DIVISIONS: CONNAUGHT ANIMAL HEALTH MAIL: CONNAUGHT LABORATORIES, INC. P O BOX 187 SWIFTWATER, PA 18370	287
VETREPHARM RESEARCH INC. MAIL: VETREPHARM RESEARCH INC. 119 ROWE ROAD ATHENS, GA 30601	289
TEXAS VET LAB INC SUBSIDIARIES: AMERICAN VETERINARY LABORATORY, INC. MAIL: TEXAS VET LAB INC 1202 NORTH BELL STREET SAN ANGELO, TX, 76903	290
UNIVERSITY LABORATORIES, INC. MAIL: UNIVERSITY LABORATORIES, INC. 810 NORTH SECOND AVENUE HIGHLAND PARK, NJ 08904	291
A M BIO TECHNIQUES INC MAIL: A M BIO TECHNIQUES INC 212 EAST CENTRAL BELTON, TX 76513	292

# NUMERICAL LISTING OF ESTABLISHMENTS

	<u>LICENSE NUMBER</u>
ORGANON TEKNIKA CORPORATION MAIL: ORGANON TEKNIKA CORPORATION 100 AKZO AVENUE DURHAM, NC 27704	293
GREER LABORATORIES, INC. MAIL: GREER LABORATORIES INC P O BOX 800 LENOIR, NC 28645	294
GREENBRIAR VETERINARY SERVICES, INC MAIL: G.V.S. INC 6040 DUBLIN ROAD DELAWARE, OH 43015	297
RHONE MERIEUX, INC. MAIL: RHONE MERIEUX LABORATORIES, INC. 115 TRANSTECH DRIVE ATHENS, GA 30601	298
MICROBIOLOGICAL ASSOCIATES INC. MAIL: MICROBIOLOGICAL ASSOCIATES INC. 5221 RIVER ROAD BETHESDA, MD 20816	299
RIBI IMMUNOCHEM RESEARCH, INC. MAIL: RIBI IMMUNOCHEM RESEARCH, INC. P O BOX 1409 HAMILTON, MT 59840	300
MVP, INC. DIVISIONS: MVP, INC. CORN STATES LABORATORIES MAIL: MVP, INC. 5404 MILLER AVE. RALSTON, NE 68127	301
IMMUNOMED CORPORATION SUBSIDIARIES: IMMUNOVET INC. MAIL: IMMUNOMED CORPORATION 5910-G BRECKENRIDGE PARKWAY TAMPA, FL 33610	302
IMMUNOMED CORPORATION SUBSIDIARIES: IMMUNOVET INC. MAIL: IMMUNOVET INC. 11467 W. I-70 FRONTAGE RD NORTH WHEAT RIDGE, CO 80033	302A
GRAND LABORATORIES INC. MAIL: GRAND LABORATORIES INC. RR 1 BOX 193 LARCHWOOD, IA 51241	303



# NUMERICAL LISTING OF ESTABLISHMENTS

	<u>LICENSE NUMBER</u>
LASHER ASSOCIATES, INC.(PERMITTEE) MAIL: LASHER ASSOCIATES, INC. P O BOX 345 MILLSBORO, DE 19966	305
BIO VAC LABORATORIES, INC. SUBSIDIARIES: OXFORD VETERINARY LABORATORIES, INC. CAMBRIDGE POULTRY LABORATORIES, INC. MAIL: OXFORD VETERINARY LABORATORIES P O BOX 775 WORTHINGTON, MN 56187	307
MICHIGAN DEPT OF PUBLIC HEALTH MAIL: MICHIGAN DEPT OF PUBLIC HEALTH 3500 N. LOGAN STREET P O BOX 30035 LANSING, MI 48909	308
COOPERS ANIMAL HEALTH, INC. (PERMITTEE) MAIL: COOPERS ANIMAL HEALTH, INC. 2000 SOUTH 11TH STREET KANSAS CITY, KS 66103	311
SYNBIOTICS CORPORATION MAIL: SYNBIOTICS CORPORATION 11011 VIA FRONTERA SAN DIEGO, CA 92127	312
IDEXX CORP. SUBSIDIARIES: IDEXX GMBH DIVISIONS: IDEXX CORP. IDEXX GMBH MAIL: IDEXX CORP. 100 FORE STREET PORTLAND, ME 04101	313
SYNTROVET INCORPORATED MAIL: SYNTROVET INCORPORATED 9669 LACKMAN ROAD LENEXA, KS 66219	314
AMERICAN ANIMAL HEALTH INC. MAIL: AMERICAN ANIMAL HEALTH INC. 2619 SKYWAY DRIVE GRAND PRAIRIE, TX 75051	315
CAMBRIDGE BIOSCIENCE CORP. MAIL: CAMBRIDGE BIOSCIENCE CORP. 365 PLANTATION STREET WORCESTER, MA 01605	317

# NUMERICAL LISTING OF ESTABLISHMENTS

	<u>LICENSE NUMBER</u>
LAKE IMMUNOGENICS, INC. MAIL: LAKE IMMUNOGENICS, INC. 348 BERG ROAD ONTARIO, NY 14519	318
NOBL LABORATORIES INC. MAIL: NOBL LABORATORIES INC. 204 3RD STREET NW SIOUX CENTER, IA 51250	319
VIRAL ANTIGENS INC. MAIL: VIRAL ANTIGENS INC. 5171 WILFONG ROAD MEMPHIS, TN 38134-5611	320
IATRIC CORPORATION MAIL: IATRIC CORPORATION 2330 SOUTH INDUSTRIAL PARK DRIVE TEMPE, AZ 85282	321
PEL-FREEZE RABBIT MEAT INC. MAIL: PEL-FREEZE RABBIT MEAT INC. P. O. BOX 68 ROGERS, AR 72757	322
KADEL VACCINE COMPANY MAIL: KADEL VACCINE COMPANY 105 WEST 18TH STREET HOPKINSVILLE, KY 42240	323
WILLAMETTE LABORATORIES MAIL: WILLAMETTE LABORATORIES 9108 NE. SANDY BLVD. PORTLAND, OR 97220	324
IDETEK INCORPORATED MAIL: IDETEK INCORPORATED 1057 SNEATH LANE SAN BRUNO, CA 94066	325
AMTRON, INC. MAIL: AMTRON, INC. 701 E. BAY STREET CHARLESTON, SC 29403	326
IMMUCELL CORPORATION MAIL: IMMUCELL CORPORATION 966 RIVERSIDE ST. PORTLAND, ME 04103	327

# NUMERICAL LISTING OF ESTABLISHMENTS

	<u>LICENSE NUMBER</u>
CENTRAL BIOMEDIA, INC. DIVISIONS: BARCO LABORATORIES MAIL: CENTRAL BIOMEIDA, INC. ROUTE 1 BOX 831 IRWIN, MO 64759	328
PROTATEK INTERNATIONAL INC. MAIL: PROTATEK INTERNATIONAL INC. 1491 ENERGY PARK DRIVE ST. PAUL, MN 55108	329
BINAX, INC. MAIL: BINAX, INC. 95 DARLING AVENUE SOUTH PORTLAND, ME 04106	330
BALLISTIVET, INC. MAIL: BALLISTIVET, INC. P O BOX 10812 4334 CENTERVILLE RD. WHITE BEAR LAKE, MN 55110	331
VMRD, INC. MAIL: VMRD, INC. P O BOX 502 PULLMAN, WA 99163	332
ANIMAL BIOTECH CORP. DIVISIONS: NMS PHARMACEUTICALS INC. MAIL: ANIMAL BIOTECH CORP. 1531 MONROVIA AVE. NEWPORT BEACH, CA 92663	333
CENTRAL BIOLOGICS INC. MAIL: CENTRAL BIOLOGICS INC. 5100 HUNTINGWOOD ROAD RALEIGH, NC 27606	334
JERRY ZINN (PERMITTEE) MAIL: JERRY ZINN BOX 299 RT 3 BUHL, ID 83316	335
VETERINARY DIAGNOSTIC TECHNOLOGY, INC. MAIL: VETERINARY DIAGNOSTIC TECHNOLOGY 4890 VAN GORDON ST. SUITE 101 WHEAT RIDGE, CO 80033	336

# NUMERICAL LISTING OF ESTABLISHMENTS

	<u>LICENSE NUMBER</u>
ARKO LABORATORIES LTD. MAIL: ARKO LABORATORIES LTD. HIGHWAY 69 NORTH JEWELL, IA 50130	337
DELMONT LABORATORIES, INC. MAIL: DELMONT LABORATORIES, INC. P O BOX AA 715 HARVARD AVE. SWARTHMORE, PA 19081	339
LEPRINO FOODS, INC. MAIL: LEPRINO FOODS, INC. 2401 MACARTHUR DRIVE TRACY, CA 95376	340
PROTEIN TECHNOLOGY, INC. MAIL: PROTEIN TECHNOLOGY, INC. 1334 ROSS STREET PETALUMA, CA 94952-1125	341
DISEASE DETECTION INTERNATIONAL MAIL: DISEASE DETECTION INTERNATIONAL 17935 SKY PARK CIRCLE SUITE D IRVINE, CA 92714	342
BRINTON LABORATORIES INC. MAIL: BRINTON LABORATORIES INC. PO BOX 266 208 SOUTH LAKELAND DRIVE WILLMAR, MN 56201	343
CHARLES RIVER BIOTECHNICAL SERV. MAIL: CHARLES RIVER BIOTECHNICAL SERV. 251 BALLARDVALE STREET WILMINGTON, MA 01887	344A
IMMVAC, INC. MAIL: IMMVAC, INC. P O BOX 7288 COLUMBIA, MO 65205	345
RESEARCH BIOGENETICS INC. MAIL: RESEARCH BIOGENETICS INC. P O BOX 764 BASTROP, TX 78602	346
AMERICAN VETERINARY REFERENCE LABORATORY MAIL: AMER VETERINARY REFERENCE LAB RT 1 BOX 299C MOLITOR ROAD AURORA, IL 60504	347



# NUMERICAL LISTING OF ESTABLISHMENTS

	<u>LICENSE NUMBER</u>
KIRKEGAARD & PERRY LABS, INC. MAIL: KIRKEGAARD & PERRY LABS, INC. 2 CESSNA COURT GAITHERSBURG, MD 20879	350
ADDISON BIOLOGICAL LABORATORY, INC. MAIL: ADDISON BIOLOGICAL LABORATORY ROUTE 3 BOX 90-B FAYETTE, MO 65248	355
POULTRY HEALTH LABORATORIES MAIL: POULTRY HEALTH LABORATORIES ROUTE 1 BOX 1778 DAVIS, CA 95616	357
BIOTECH RESEARCH LABORATORIES, INC MAIL: BIOTECH RESEARCH LABORATORIES 1600 EAST GUDE DRIVE ROCKVILLE, MD 20850	358
NELCO LABORATORIES INC. MAIL: NELCO LABORATORIES INC. 154 BROOK AVE. P O BOX 58 DEER PARK, NY 11729	359
VETERINARY DYNAMICS, INC. MAIL: VETERINARY DYNAMICS, INC. P.O. BOX 2406 CHINO, CA 91708-2406	360
INTERNATIONAL IMMUNOLOGY CORP. MAIL: INTERNATIONAL IMMUNOLOGY CORP. 25549 ADAMS AVE. MURRIETA, CA 92362	361
LANGFORD LABORATORIES, INC. (PERMITTEE) MAIL: LANGFORD LABORATORIES, INC. 5430 E. 60TH STREET. KANSAS CITY, MO 64130	362
CUPREM, INC. MAIL: CUPREM, INC. P O BOX 147 KENESAW, NE 68956-0147	363
CAVL, INC. MAIL: CAVL, INC. 9602 SOUTH WASHINGTON RT 7, BOX 594 AMARILLO, TX 79118	364

# NUMERICAL LISTING OF ESTABLISHMENTS

	<u>LICENSE NUMBER</u>
WILLMAR POULTRY COMPANY MAIL: WILLMAR POULTRY COMPANY WEST HIGHWAY 12 BOX 753 WILLMAR, MN 56201	365
QUAD FIVE MAIL: QUAD FIVE BOX 69 RYEGATE, MT 59074	366
BIOMUNE, INCORPORATED MAIL: BIOMUNE, INCORPORATED 8906 ROSEHILL ROAD LENEXA, KS 66215	368
AGDIA INC. MAIL: AGDIA INC. 30380 COUNTRY RD. 6 ELKHART, IN 46514	369
PROCOR TECHNOLOGIES, INC. MAIL: PROCOR TECHNOLOGIES, INC. 4401 LEXINGTON AVENUE NORTH ARDEN HILLS, MN 55126	370
PROSCIENCE CORPORATION MAIL: PROSCIENCE CORPORATION 107 CARPENTER DR. SUITE 100 STERLING, VA 22170	372
BIO-TRENDS INTERNATIONAL, INC. MAIL: BIO-TRENDS INTERNATIONAL, INC. 2510 BOATMAN AVE. W. SACRAMENTO, CA 95691	375
IMMUNO-DYNAMICS, INC. MAIL: IMMUNO-DYNAMICS, INC. INTERSECTION OF HWY 141 & 169 P.O. BOX 544 PERRY, IA 50220	379
JENSEN RESEARCH LABORATORIES MAIL: JENSEN RESEARCH LABORATORIES BOX 7450 UNIVERSITY STATION PROVO, UT 84602	383

## LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

## VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>				
<u>ANAPLASMOSIS VACCINE</u>						
1005.50	KILLED	112	329			
<u>ANTHRAX SPORE VACCINE</u>						
1011.00	LIVE CULTURE	52	107	188		
<u>AUTOGENOUS VACCINE</u>						
1015.00		303	307	328	334	
1015.10	KILLED VIRUS	286	368			
1015.20		112	225	303		
1015.50	KILLED VIRUS	285	324			
<u>AVIAN ENCEPHALOMYELITIS VACCINE</u>						
1051.10	LIVE VIRUS	195				
1051.11	LIVE VIRUS	195	196	226	243	286
1055.10	KILLED VIRUS	240				
<u>AVIAN ENCEPHALOMYELITIS-FOWL POX VACCINE</u>						
10M1.10	LIVE VIRUS	165A	195	196	226	243 286
10M1.11	LIVE VIRUS	286				
<u>AVIAN INFLUENZA VACCINE</u>						
1057.10	KILLED VIRUS	240				
<u>AVIAN PARAMYXOVIRUS VACCINE</u>						
10C5.10	TYPE 3,KILLED VIRUS	240				
10C5.11	TYPE 1,KILLED VIRUS	240				
1115.10	TYPE 1,KILLED VIRUS	240				

# VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>AVIAN REOVIRUS VACCINE</u>		
1045.00	KILLED VIRUS	195 196 240 286
1045.20	KILLED VIRUS	298
<u>AVIAN REOVIRUS-BURSAL DISEASE VACCINE</u>		
10B5.40	KILLED VIRUS, STANDARD & VARIANT	196 240
<u>BLUETONGUE VACCINE</u>		
1061.00	MODIFIED LIVE VIRUS	188
<u>BORDETELLA AVIUM VACCINE</u>		
1021.00	AVIRULENT LIVE CULTURE	165A
<u>BORDETELLA BRONCHISEPTICA VACCINE</u>		
1081.00	AVIRULENT LIVE CULTURE	165A 301 303
1081.01	AVIRULENT LIVE CULTURE	124
<u>BORDETELLA BRONCHISEPTICA-ERYSIPELOTHRIX RHUSIOPATHIAE VACCINE</u>		
10A8.00	AVIRULENT LIVE CULTURE	303
<u>BOVINE PARAINFLUENZA-RESPIRATORY SYNCYTIAL VIRUS VACCINE</u>		
1161.00	MODIFIED LIVE VIRUS	213
<u>BOVINE RESPIRATORY SYNCYTIAL VIRUS VACCINE</u>		
1091.00	MODIFIED LIVE VIRUS	213
1091.20	MODIFIED LIVE VIRUS	189 225
1095.20	KILLED VIRUS	112 124 303
<u>BOVINE RHINOTRACHEITIS VACCINE</u>		
1101.00	MODIFIED LIVE VIRUS	188 213 243A 264
1101.01	MODIFIED LIVE VIRUS	107



# VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>						
1101.20	MODIFIED LIVE VIRUS	52 264	107 272	124	189	225	243A	
1105.20	KILLED VIRUS	189	213					
<u>BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3 VACCINE</u>								
1121.00	MODIFIED LIVE VIRUS	188	213	225	243A	264		
1121.01	MODIFIED LIVE VIRUS	264						
1121.20	MODIFIED LIVE VIRUS	107 272	124	189	225	243A	264	
1121.21	MODIFIED LIVE VIRUS	107	189	225	331			
1121.22	MODIFIED LIVE VIRUS	189						
1121.31	MODIFIED LIVE VIRUS	52	107					
1125.00	KILLED VIRUS	112						
1125.20	KILLED VIRUS	112						
<u>BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3-RESPIRATORY SYNCYTIAL VIRUS VACCINE</u>								
1071.00	MODIFIED LIVE VIRUS	213						
1071.20	MODIFIED LIVE VIRUS	189						
1071.21	MODIFIED LIVE VIRUS	189						
<u>BOVINE RHINOTRACHEITIS-RESPIRATORY SYNCYTIAL VIRUS VACCINE</u>								
11B1.20	MODIFIED LIVE VIRUS	189						
<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA VACCINE</u>								
1151.00	MODIFIED LIVE VIRUS	52	188	213	243A			
1151.20	MODIFIED LIVE VIRUS	107	189	225	243A	272		
1151.21	MODIFIED LIVE VIRUS	189						
1151.30	MODIFIED LIVE VIRUS	124						
1155.20	KILLED VIRUS	112	189	243A	272	303		

# VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
1155.30	KILLED VIRUS	213
<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA 3 VACCINE</u>		
1171.00	MODIFIED LIVE VIRUS	188 213 243A 264
1171.20	MODIFIED LIVE VIRUS	107 189 225 243A 264 272 331
1171.21	MODIFIED LIVE VIRUS	107
1171.30	MODIFIED LIVE VIRUS	52 124
1175.20	KILLED VIRUS	112 124 243A 272 303
1175.21	KILLED VIRUS	189
1177.20	MODIFIED LIVE & KILLED VIRUS	189 243A
1177.21	MODIFIED LIVE & KILLED VIRUS	189
<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA 3- RESPIRATORY SYNCYTIAL VIRUS VACCINE</u>		
1181.00	MODIFIED LIVE VIRUS	213
1181.20	MODIFIED LIVE VIRUS	189
1185.20	KILLED VIRUS	112 272 303
1187.20	MODIFIED LIVE & KILLED VIRUS	189
1187.21	MODIFIED LIVE & KILLED VIRUS	189
1189.00	MODIFIED LIVE & KILLED VIRUS	213
1189.21	MODIFIED LIVE & KILLED VIRUS	189
1189.30	MODIFIED LIVE VIRUS & KILLED VIRUS	213
<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-RESPIRATORY SYNCYTIAL VIRUS VACCINE</u>		
11A1.20	MODIFIED LIVE VIRUS	189
<u>BOVINE ROTA-CORONAVIRUS VACCINE</u>		
1931.20	MODIFIED LIVE VIRUS	189

# VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>					
	<u>BOVINE VIRUS DIARRHEA VACCINE</u>						
1201.00	MODIFIED LIVE VIRUS	188	213	243A	264		
1201.20	MODIFIED LIVE VIRUS	107	124	189	243A		
1201.21	MODIFIED LIVE VIRUS	189					
1205.00	KILLED VIRUS	213					
1205.01	KILLED VIRUS	213					
1205.20	KILLED VIRUS	112 303	124	189	225	243A	272
1205.21	KILLED VIRUS	189					
	<u>BRONCHITIS VACCINE</u>						
1231.11	MASS TYPE,LIVE VIRUS	195	196	226	240	275A	286
1231.12	MASS TYPE,LIVE VIRUS	195	196	226	240	243	286
1231.13	MASS & ARK TYPES,LIVE VIRUS	196	240				
1231.14	MASS & CONN TYPES,LIVE VIRUS	195	240	243	279	286	
1231.15	CONN TYPE,LIVE VIRUS	240	286				
1231.17	MASS & CONN TYPES,LIVE VIRUS	165A					
1231.18	MASS TYPE,LIVE VIRUS	196	226	243	286		
1231.19	JMK TYPE,LIVE VIRUS	286					
1231.1A	MASS TYPE,LIVE VIRUS	286					
1231.20	ARK TYPE,LIVE VIRUS	226	240	243	279	286	
1232.10	MASS TYPE,LIVE VIRUS	279					
1233.10	MASS TYPE,LIVE VIRUS	279					
1235.10	MASS TYPE,KILLED VIRUS	196	240	286			
	<u>BRONCHITIS-BURSAL DISEASE VACCINE</u>						
12F1.42	LIVE VIRUS,MASS TYPE	279					

# VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>BRONCHITIS-BURSAL DISEASE-REOVIRUS VIRUS VACCINE</u>		
12E5.40	MASS TYPE,KILLED VIRUS	195
<u>BRUCELLA ABORTUS VACCINE</u>		
1251.00	STRAIN 19,LIVE CULTURE	107 188
1251.01	STRAIN 19,LIVE CULTURE	188
1251.02	STRAIN 19,LIVE CULTURE,REDUCED DOSE	107 188
<u>BURSAL DISEASE VACCINE</u>		
1271.00	LIVE VIRUS	165A 196 275A 279
1271.01	LIVE VIRUS	196 275A
1271.02	LIVE VIRUS	275A 280
1271.10	LIVE VIRUS	195 226 243
1271.12	LIVE VIRUS	226 243 286
1271.13	LIVE VIRUS,CELL ASSOCIATED	279
1272.00	LIVE VIRUS	279
1275.00	KILLED VIRUS	195 196 240 275A 280 286
1275.10	KILLED VIRUS	196 240 286
12A5.00	KILLED VIRUS,VARIANT STRAIN	286
12A5.10	KILLED VIRUS,VARIANT	240 280
12B1.00	LIVE VIRUS,STANDARD & VARIANT	279
12B5.40	KILLED VIRUS,STANDARD & VARIANT	196 240 286
12L5.00	LIVE VIRUS,VARIANT	226
<u>BURSAL DISEASE-MAREK'S DISEASE VACCINE</u>		
1288.42	LIVE VIRUS,LIVE TURKEY HERPESVIRUS, CELL ASSOCIATED	279
1288.43	LIVE VIRUS,LIVE CHICKEN & TURKEY HERPESVIRUS	279



# VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>				
1288.44	LIVE VIRUS,LIVE CHICKEN & TURKEY HERPESVIRUS,CELL ASSOCIATED, COMBINATION PACKAGE	279				
12C8.40	LIVE VIRUS,LIVE TURKEY HERPESVIRUS, STANDARD & VARIANT	279				
<u>BURSAL DISEASE-NEWCASTLE DISEASE</u>						
12G1.60	B1 TYPE,B1 STRAIN	279				
12G5.10	KILLED VIRUS	240	286			
12G5.12	KILLED VIRUS,VARIANT	240				
12G5.40	KILLED VIRUS	195	196	240	275A	286
12G5.41	KILLED VIRUS,STANDARD & VARIANT	196	240	286		
12G8.10	B1 TYPE,LASOTA STRAIN,LIVE VIRUS	286				
<u>BURSAL DISEASE-NEWCASTLE DISEASE-BRONCHITIS VACCINE</u>						
12D5.40	STANDARD & VARIANT,MASS TYPE,KILLED VIRUS	240				
12H1.4M	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	279				
12H1.4N	B1 TYPE,B1 STRAIN,ARK TYPE,LIVE VIRUS	279				
12H1.67	B1 TYPE,B1 STRAIN,MASS & CONN TYPES, LIVE VIRUS	279				
12J1.40	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	279				
12J1.41	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	279				
12J1.43	B1 TYPE,B1 STRAIN,CONN TYPE,LIVE VIRUS	279				
12J5.40	MASS TYPE,KILLED VIRUS	195	196	286		
12J5.60	STANDARD & VARIANT,B1 TYPE,LASOTA STRAIN, MASS TYPE,KILLED VIRUS	196	286			
<u>BURSAL DISEASE-NEWCASTLE DISEASE-REOVIRUS VACCINE</u>						
12P5.40	KILLED VIRUS,STANDARD & VARIANT	240				

# VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>BURSAL DISEASE-NEWCASTLE-BRONCHITIS-REOVIRUS VACCINE</u>		
12M5.00	STANDARD & VARIANT,MASS TYPE,KILLED VIRUS	286
12M5.10	KILLED VIRUS	286
12M5.40	KILLED VIRUS	195 240
<u>BURSAL DISEASE-REOVIRUS VACCINE</u>		
12D5.00	STANDARD & VARIANT,KILLED VIRUS	286
<u>CANINE ADENOVIRUS TYPE 2-PARVOVIRUS VACCINE</u>		
12T7.20	MODIFIED LIVE & KILLED VIRUS	272
<u>CANINE CORONA-PARVOVIRUS VACCINE</u>		
14R1.20	MODIFIED LIVE VIRUS	112
14R7.20	MODIFIED LIVE & KILLED VIRUS	112 189
<u>CANINE CORONAVIRUS VACCINE</u>		
14P1.20	MODIFIED LIVE VIRUS	112
14P5.20	KILLED VIRUS	112 189
<u>CANINE DISTEMPER VACCINE</u>		
1301.00	MODIFIED LIVE VIRUS	195A
1301.09	MODIFIED LIVE VIRUS	195A
1301.20	MODIFIED LIVE VIRUS	264
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2 VACCINE</u>		
13A1.20	MODIFIED LIVE VIRUS	112 189 264
13A1.30	MODIFIED LIVE VIRUS	195A
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2-CORONAVIRUS-PARAINFLUENZA-PARVOVIRUS VACCINE</u>		
1599.20	MODIFIED LIVE & KILLED VIRUS	112 189

# VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2-HEPATITIS-PARAINFLUENZA-PARVOVIRUS VACCINE</u>		
1377.20	MODIFIED LIVE & KILLED VIRUS	272
1449.20	MODIFIED LIVE & KILLED VIRUS	272
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2-MEASLES-PARAINFLUENZA VACCINE</u>		
1341.20	MODIFIED LIVE VIRUS	189
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2-PARAINFLUENZA VACCINE</u>		
13C1.20	MODIFIED LIVE VIRUS	107 112 189 264 298
13C1.30	MODIFIED LIVE VIRUS	195A
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2-PARAINFLUENZA-PARVOVIRUS VACCINE</u>		
13D1.20	MODIFIED LIVE VIRUS	112 189
13D1.21	MODIFIED LIVE VIRUS	189
13D1.30	MODIFIED LIVE VIRUS	195A
13D1.31	MODIFIED LIVE VIRUS	195A
13D8.30	MODIFIED LIVE VIRUS	264
13D9.00	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	189
13D9.20	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	107
13D9.30	MODIFIED LIVE & KILLED VIRUS	195A
<u>CANINE DISTEMPER-HEPATITIS VACCINE</u>		
1311.00	MODIFIED LIVE VIRUS	112 243A
1311.20	MODIFIED LIVE VIRUS	112 124 225 243A 264 272
1311.30	MODIFIED LIVE VIRUS	195A
1311.40	MODIFIED LIVE VIRUS	188

# VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>CANINE DISTEMPER-HEPATITIS-PARAINFLUENZA VACCINE</u>		
1381.00	MODIFIED LIVE VIRUS	243A
1381.20	MODIFIED LIVE VIRUS	112 124 225 243A 264 272 298
1381.21	MODIFIED LIVE VIRUS	124
<u>CANINE DISTEMPER-HEPATITIS-PARAINFLUENZA-PARVOVIRUS VACCINE</u>		
1401.20	MODIFIED LIVE VIRUS	112 225 264
1401.23	MODIFIED LIVE VIRUS	264
1401.30	MODIFIED LIVE VIRUS	264
<u>CANINE DISTEMPER-MEASLES VACCINE</u>		
1351.20	MODIFIED LIVE VIRUS	189
<u>CANINE DISTEMPER-MEASLES-PARAINFLUENZA VACCINE</u>		
13N1.20	MODIFIED LIVE VIRUS	189
<u>CANINE PARAINFLUENZA VACCINE</u>		
1421.20	MODIFIED LIVE VIRUS	189 264
<u>CANINE PARAINFLUENZA-BORDETELLA BRONCHISEPTICA VACCINE</u>		
14M1.00	MODIFIED LIVE VIRUS, AVIRULENT LIVE CULTURE	165A
14M1.20	MODIFIED LIVE VIRUS, AVIRULENT LIVE CULTURE	124
<u>CHLAMYDIA PSITTACI VACCINE</u>		
1581.20	MODIFIED LIVE CHLAMYDIA	195A
<u>COCCIDIOSIS VACCINE</u>		
1431.50	LIVE OOCYSTS	226
1431.51	LIVE OOCYSTS	226



# VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
1431.52	LIVE OOCYSTS	226
1431.55	LIVE OOCYSTS,CHICKEN ISOLATES	226
	<u>DUCK VIRUS ENTERITIS VACCINE</u>	
1461.10	MODIFIED LIVE VIRUS	268
	<u>DUCK VIRUS HEPATITIS VACCINE</u>	
1481.10	MODIFIED LIVE VIRUS	268
	<u>ENCEPHALOMYELITIS VACCINE</u>	
1475.00	EASTERN,WESTERN,KILLED VIRUS	52 112 188
1475.01	EASTERN,WESTERN,KILLED VIRUS	112
1481.00	VENEZUELAN,MODIFIED LIVE VIRUS	107
1485.22	EASTERN,VENEZUELAN,KILLED VIRUS	107
1485.23	EASTERN,WESTERN,VENEZUELAN,KILLED VIRUS	107 287
1485.32	EASTERN,VENEZUELAN,KILLED VIRUS	107
1485.33	EASTERN,WESTERN,VENEZUELAN,KILLED VIRUS	107 287
	<u>ENCEPHALOMYELITIS OCARDITIS VACCINE</u>	
1495.20	KILLED VIRUS	307
	<u>EQUINE INFLUENZA VACCINE</u>	
1505.10	KILLED VIRUS	112 287
1505.20	KILLED VIRUS	52 107 112 189
	<u>EQUINE RHINOPNEUMONITIS VACCINE</u>	
1521.20	MODIFIED LIVE VIRUS	189
1525.20	KILLED VIRUS	112

# VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>					
<u>EQUINE RHINOPNEUMONITIS-INFLUENZA VACCINE</u>							
1515.20	KILLED VIRUS	112					
1515.A0	KILLED VIRUS	112					
1518.20	MODIFIED LIVE & KILLED VIRUS	189					
<u>EQUINE VIRAL ARTERITIS VACCINE</u>							
1531.20	MODIFIED LIVE VIRUS	112					
<u>ERYSIPELOTHRIX RHUSIOPATHIAE VACCINE</u>							
1541.00	AVIRULENT LIVE CULTURE	112	124	165A	189	303	
<u>FELINE INFECTIOUS PERITONITIS VIRUS</u>							
15A1.20	MODIFIED LIVE VIRUS	189					
<u>FELINE LEUKEMIA VACCINE</u>							
1555.20	KILLED VIRUS	112	189	213	375		
1555.21	KILLED VIRUS	189					
<u>FELINE LEUKEMIA-RHINOTRACHEITIS-CALICI-PANLEUKOPENIA VACCINE</u>							
15B5.20	KILLED VIRUS	213					
<u>FELINE PANLEUKOPENIA VACCINE</u>							
1561.00	MODIFIED LIVE VIRUS	264					
1561.01	MODIFIED LIVE VIRUS	264					
1561.20	MODIFIED LIVE VIRUS	124	189	195	195A	243A	
1561.21	MODIFIED LIVE VIRUS	124	225	264	272	298	
1565.00	KILLED VIRUS	225	243A	264			
1565.20	KILLED VIRUS	107 272	112 298	189	195A	225	264

# VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>						
	<u>FELINE PANLEUKOPENIA-RABIES VACCINE</u>							
1575.20	KILLED VIRUS	107						
	<u>FELINE RHINOTRACHEITIS VACCINE</u>							
16A1.20	MODIFIED LIVE VIRUS	264						
	<u>FELINE RHINOTRACHEITIS-CALICI VACCINE</u>							
16C1.20	MODIFIED LIVE VIRUS	107 272	124 298	189	195A	225	264	
	<u>FELINE RHINOTRACHEITIS-CALICI-PANLEUKOPENIA VACCINE</u>							
16D1.20	MODIFIED LIVE VIRUS	124	189	195A				
16D1.30	MODIFIED LIVE VIRUS	264						
16D5.20	KILLED VIRUS	112	213					
16D7.20	MODIFIED LIVE & KILLED VIRUS	195A						
16D8.20	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	124	225	264	272	298		
16D8.30	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	264						
16D9.20	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	107	225	264	272	298		
16D9.30	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	264						
	<u>FELINE RHINOTRACHEITIS-CALICI-PANLEUKOPENIA-CHLAMYDIA PSITTACI VACCINE</u>							
16E1.20	MODIFIED LIVE VIRUS & CHLAMYDIA	189	195A					
16E7.20	MODIFIED LIVE & KILLED VIRUS & CHLAMYDIA	195A						
	<u>FELINE RHINOTRACHEITIS-CALICI-PANLEUKOPENIA-CHLAMYDIA PSITTACI- RABIES VACCINE</u>							
1619.20	MODIFIED LIVE VIRUS,CHLAMYDIA, KILLED VIRUS	195A						
1619.21	MODIFIED LIVE VIRUS,CHLAMYDIA, KILLED VIRUS	195A						

# VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>FELINE RHINOTRACHEITIS-CALICI-PANLEUKOPENIA-RABIES VACCINE</u>		
16T5.81	KILLED VIRUS	112
16T9.20	MODIFIED LIVE & KILLED VIRUS	107 195A
<u>FELINE RHINOTRACHEITIS-PANLEUKOPENIA VACCINE</u>		
16B9.30	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	264
<u>FOWL LARYNGOTRACHEITIS VACCINE</u>		
1601.01	MODIFIED LIVE VIRUS	165A
1601.10	LIVE VIRUS	165A 196
1601.11	MODIFIED LIVE VIRUS	165A 195 196 226 243 286
1601.12	LIVE VIRUS	165A
1601.13	MODIFIED LIVE VIRUS	226
<u>FOWL POX VACCINE</u>		
1621.00	LIVE VIRUS	165A 195 196 240 243 275A
1621.01	LIVE VIRUS	275A
1621.10	LIVE VIRUS	165A 195 196 226 243 286
1621.11	LIVE VIRUS	195
1622.00	LIVE VIRUS	279
<u>FOWL POX-MAREK'S DISEASE VACCINE</u>		
15E2.00	LIVE TURKEY HERPESVIRUS, LIVE VIRUS, COMBINATION PACKAGE	279
<u>FOX ENCEPHALITIS VACCINE</u>		
1635.20	KILLED VIRUS	245
<u>HEMORRHAGIC ENTERITIS VACCINE</u>		
17E1.20	LIVE VIRUS	165A 307 337

# VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>					
17E1.21	LIVE VIRUS	334					
	<u>MAREK'S DISEASE VACCINE</u>						
1631.00	LIVE CHICKEN HERPESVIRUS	195 279	196 286	226	240	271	275
1631.01	LIVE CHICKEN HERPESVIRUS	275	279	286			
1631.02	LIVE CHICKEN HERPESVIRUS	275					
1641.00	LIVE TURKEY HERPESVIRUS,CELL ASSOCIATED	3 275	195 275A	196 279	226 286	243	271
1641.01	LIVE TURKEY HERPESVIRUS,CELL FREE	3 271	165A 275	195 275A	196 279	226	243
1641.04	LIVE TURKEY HERPESVIRUS,CELL FREE	3					
1651.00	LIVE CHICKEN & TURKEY HERPESVIRUS, COMBINATION PACKAGE	195	196	226	271	279	286
1651.01	LIVE CHICKEN & TURKEY HERPESVIRUS	279					
16G1.00	LIVE CHICKEN & TURKEY HERPESVIRUS	275					
16G8.00	LIVE CHICKEN & TURKEY HERPESVIRUS	275					
	<u>MEASLES VACCINE</u>						
1661.20	MODIFIED LIVE VIRUS	124					
	<u>MINK DISTEMPER VACCINE</u>						
1451.00	MODIFIED LIVE VIRUS	165A	245				
1451.01	MODIFIED LIVE VIRUS	165A	245				
	<u>MINK DISTEMPER-ENTERITIS VACCINE</u>						
1679.30	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	165A	245				
1679.31	MODIFIED LIVE & KILLED VIRUS	245					
	<u>MINK ENTERITIS VACCINE</u>						
1685.00	KILLED VIRUS	165A					



# VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>					
1685.20	KILLED VIRUS	245					
1685.21	KILLED VIRUS	245					
	<u>MYCOPLASMA GALLISEPTICUM VACCINE</u>						
1751.00	LIVE CULTURE	165A	240				
	<u>NEWCASTLE DISEASE VACCINE</u>						
1705.10	KILLED VIRUS	196	275A	286			
1705.11	KILLED VIRUS	195	240				
1705.12	KILLED VIRUS	196					
1705.13	KILLED VIRUS	196					
1711.10	B1 TYPE,B1 STRAIN,LIVE VIRUS	165A 275A	195 279	196 286	226	240	243
1721.10	B1 TYPE,LASOTA STRAIN,LIVE VIRUS	165A 275A	195 286	196	226	240	243
1721.11	B1 TYPE,LASOTA STRAIN,LIVE VIRUS	226	279	286			
1723.10	B1 TYPE,LASOTA STRAIN,LIVE VIRUS	279					
1731.10	ROAKIN TYPE,LIVE VIRUS	240					
17A2.10	B1 TYPE,B1 STRAIN,LIVE VIRUS	279					
	<u>NEWCASTLE DISEASE-AVIAN ENCEPHALOMYELITIS VACCINE</u>						
1745.10	KILLED VIRUS	240					
	<u>NEWCASTLE-BRONCHITIS VACCINE</u>						
1761.10	B1 TYPE,B1 STRAIN,FLORIDA TYPE,LIVE VIRUS	196					
1761.11	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	195 279	196	226	240	243	275A
1761.12	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	195	196	226	240	243	286
1761.13	B1 TYPE,B1 STRAIN,CONN TYPE,LIVE VIRUS	165A	195	196	243	279	286
1761.14	B1 TYPE,B1 STRAIN,MASS & CONN TYPES, LIVE VIRUS	195	226	243	279	286	

# VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>					
1761.16	B1 TYPE,B1 STRAIN,MASS & JMK TYPES, LIVE VIRUS	226	279				
1761.17	B1 TYPE,B1 STRAIN,MASS & CONN TYPES, LIVE VIRUS	165A	196	243	286		
1761.18	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	196	226	286			
1761.19	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	226	243				
1761.1A	B1 TYPE,B1 STRAIN,CONN TYPE,LIVE VIRUS	286					
1761.1B	B1 TYPE,B1 STRAIN,MASS & FLORIDA TYPES, LIVE VIRUS	196					
1761.1H	B1 TYPE,B1 STRAIN,MASS & CONN TYPES, LIVE VIRUS	240	243				
1761.1M	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	243					
1762.11	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	279					
1762.12	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	196	226				
1762.13	B1 TYPE,B1 STRAIN,CONN TYPE,LIVE VIRUS	279					
1762.17	B1 TYPE,B1 STRAIN,MASS & CONN TYPES, LIVE VIRUS	279					
1762.1A	B1 TYPE,B1 STRAIN,MASS & JMK TYPES, LIVE VIRUS	279					
1762.1H	B1 TYPE,B1 STRAIN,MASS & CONN TYPES, LIVE VIRUS	279					
1768.12	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS, COMBINATION PACKAGE	240					
1771.11	B1 TYPE,LASOTA STRAIN,MASS TYPE, LIVE VIRUS	195	196	240	275A	279	286
1771.12	B1 TYPE,LASOTA STRAIN,MASS TYPE, LIVE VIRUS	165A	195	243	286		
1771.13	B1 TYPE,LASOTA STRAIN,CONN TYPE, LIVE VIRUS	286					
1771.14	B1 TYPE,LASOTA STRAIN,MASS & CONN TYPES, LIVE VIRUS	226	243	286			
1771.17	B1 TYPE,LASOTA STRAIN,MASS & CONN TYPES, LIVE VIRUS	165A	243	286			

# VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>					
1771.18	B1 TYPE,LASOTA STRAIN,MASS TYPE, LIVE VIRUS	196	226				
1771.19	B1 TYPE,LASOTA STRAIN,MASS TYPE, LIVE VIRUS	226	243				
1773.10	B1 TYPE,B1 STRAIN,CONN TYPE,LIVE VIRUS	279					
1775.10	MASS TYPE,KILLED VIRUS	165A	195	196	240	286	
1785.10	MASS & ARK TYPES,KILLED VIRUS	240					
1791.14	B1 TYPE,B1 STRAIN,MASS TYPE & CONN TYPE, LIVE VIRUS	286					
1791.19	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	286					
17A1.11	B1 TYPE,B1 STRAIN,MASS & ARK TYPES, LIVE VIRUS	286					
17A1.1A	B1 TYPE,B1 STRAIN,ARK TYPE,LIVE VIRUS	286					
17A1.1M	B1 TYPE,B1 STRAIN,MASS & ARK TYPES, LIVE VIRUS	165A	195	196	226	243	279
		286					
17A2.1M	B1 TYPE,B1 STRAIN,MASS & ARK TYPES, LIVE VIRUS	226	279				
17A3.1M	B1 TYPE,B1 STRAIN,MASS & ARK TYPES, LIVE VIRUS	240	279				
17B1.17	B1 TYPE,LASOTA STRAIN,MASS & CONN TYPES	286					
<u>OVINE ECTHYMA VACCINE</u>							
1821.00	LIVE VIRUS	188					
1821.01	POLYVALENT LIVE VIRUS	188					
1821.50	LIVE VIRUS	52					
<u>PACHECO'S DISEASE VACCINE</u>							
18C5.00	KILLED VIRUS	240					
<u>PARAINFLUENZA 3 VACCINE</u>							
1841.00	MODIFIED LIVE VIRUS	188					
1841.20	MODIFIED LIVE VIRUS	107	189				

# VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>						
<u>PARVOVIRUS VACCINE</u>								
18M1.00	MODIFIED LIVE VIRUS	264						
18M1.20	MODIFIED LIVE VIRUS	112 264	124 272	189 292	195A	225	243A	
18M1.21	MODIFIED LIVE VIRUS	112	189	195A	264	298		
18M1.22	MODIFIED LIVE VIRUS	189						
18M5.20	KILLED VIRUS	107	195A	272				
18M5.21	KILLED VIRUS	189	195A					
18P5.00	KILLED VIRUS	124	195					
18P5.20	KILLED VIRUS	52 272	112 298	124 303	189	225	264	
<u>PASTEURELLA ANATIPESTIFER VACCINE</u>								
1811.00	AVIRULENT LIVE CULTURE	268						
<u>PASTEURELLA HAEMOLYTICA VACCINE</u>								
1851.00	AVIRULENT LIVE CULTURE	107	189	225	275A			
<u>PASTEURELLA HAEMOLYTICA-MULTOCIDA VACCINE</u>								
1868.00	AVIRULENT LIVE CULTURE	189						
<u>PASTEURELLA MULTOCIDA VACCINE</u>								
1871.01	AVIRULENT LIVE CULTURE,AVIAN ISOLATES	165A	195A	196	280			
1871.02	AVIRULENT LIVE CULTURE,AVIAN ISOLATES	165A	196	280				
1871.03	AVIRULENT LIVE CULTURE,AVIAN ISOLATES	165A	280					
1871.04	AVIRULENT LIVE CULTURE,AVIAN ISOLATES	280						
1871.06	AVIRULENT LIVE CULTURE,BOVINE ISOLATES	189	275A					
<u>PIGEON POX VACCINE</u>								
1881.10	LIVE VIRUS	165A	196	226	240	243	286	

# VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
1881.11	LIVE VIRUS	196			
	<u>PORCINE ROTAVIRUS VACCINE</u>				
19E1.20	MODIFIED LIVE VIRUS	281			
19E5.20	KILLED VIRUS	307			
	<u>PORCINE ROTAVIRUS-TRANSMISSIBLE GASTROENTERITIS VACCINE</u>				
19H1.20	MODIFIED LIVE VIRUS	189	281		
19H5.20	KILLED VIRUS	307			
	<u>PSEUDORABIES VACCINE</u>				
1891.20	MODIFIED LIVE VIRUS	124	189	264	303
1891.21	MODIFIED LIVE VIRUS	189			
1891.R0	MODIFIED LIVE VIRUS	213	272	314	
1891.R1	MODIFIED LIVE VIRUS	272			
1895.00	KILLED VIRUS	124	195	307	
1895.20	KILLED VIRUS	52	189	225	307
	<u>PSITTACINE POX VACCINE</u>				
18B5.10	KILLED VIRUS	240			
	<u>QUAIL POX VACCINE</u>				
18E1.10	LIVE VIRUS	280			
	<u>RABIES VACCINE</u>				
1901.22	MODIFIED LIVE VIRUS,HIGH EGG PASSAGE, FLURY STRAIN	189			
1905.20	KILLED VIRUS	107	189	195A	225 298
1905.21	KILLED VIRUS	107	189	195A	298
1905.22	KILLED VIRUS	189			



# VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
1905.51	KILLED VIRUS	107 112 165A 302A
1905.55	KILLED VIRUS	112 165A 302A
<u>TENOSYNOVITIS VACCINE</u>		
1951.01	MODIFIED LIVE VIRUS	165A 195 196 243 286
1951.02	MODIFIED LIVE VIRUS	165A 243
1951.10	LIVE VIRUS	226
1951.11	MODIFIED LIVE VIRUS	195
1952.01	MODIFIED LIVE VIRUS	279
1955.00	KILLED VIRUS	280
<u>TRANSMISSIBLE GASTROENTERITIS VACCINE</u>		
1961.00	MODIFIED LIVE VIRUS	213
1961.20	MODIFIED LIVE VIRUS	112 195 281
1965.20	KILLED VIRUS	307
<u>TURKEY POX VACCINE</u>		
19G1.10	LIVE VIRUS	243
<u>VESICULAR STOMATITIS VACCINE</u>		
1975.00	KILLED VIRUS	188
<u>WART VACCINE</u>		
1985.50	KILLED VIRUS	52 112 188 213 243A 303

# BACTERINS & BACTERIAL EXTRACTS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>AUTOGENOUS BACTERIN</u>	
2051.00		112 188 195 196 225 240 245 268 280 285 290 301 303 307 315 319 323 324 328 334 337 343 355 357 364 365 368 379 383
	<u>BACTEROIDES NODOSUS BACTERIN</u>	
2080.00		311
	<u>BORDETELLA AVIUM BACTERIN</u>	
2039.00		243A
	<u>BORDETELLA BRONCHISEPTICA BACTERIN</u>	
2100.00		165A 189 195 225 272
2100.01		189 264 298
	<u>BORDETELLA BRONCHISEPTICA-ERYSIPELOTHRIX RHUSIOPATHIAE BACTERIN</u>	
2103.00		189 195
	<u>BORDETELLA BRONCHISEPTICA-ERYSIPELOTHRIX RHUSIOPATHIAE- ESCHERICHIA COLI-PASTEURELLA MULTOCIDA BACTERIN</u>	
2106.00		195 307
2106.01		195
	<u>BORDETELLA BRONCHISEPTICA-ERYSIPELOTHRIX RHUSIOPATHIAE-HAEMOPHILUS PLEUROPNEUMONIAE BACTERIN</u>	
2105.00		189 225
	<u>BORDETELLA BRONCHISEPTICA-ERYSIPELOTHRIX RHUSIOPATHIAE-HAEMOPHILUS PLEUROPNEUMONIAE-PASTEURELLA MULTOCIDA BACTERIN</u>	
2107.00		189

## BACTERINS &amp; BACTERIAL EXTRACTS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>						
<u>BORDETELLA BRONCHISEPTICA-ERYSIPELOTHRIX RHUSIOPATHIAE-PASTEURELLA MULTOCIDA BACTERIN</u>								
2101.00		112 303	165A	189	195	264	272	
2101.01		195	226	264	281	307		
2101.02		281						
<u>BORDETELLA BRONCHISEPTICA-ESCHERICHIA COLI BACTERIN</u>								
2112.00		243A	264					
2112.01		264						
<u>BORDETELLA BRONCHISEPTICA-ESCHERICHIA COLI-PASTEURELLA MULTOCIDA BACTERIN</u>								
2116.00		165A	307					
<u>BORDETELLA BRONCHISEPTICA-LEPTOSPIRA CANICOLA-ICTEROHAEMORRHAGIAE BACTERIN</u>								
2104.00		189						
<u>BORDETELLA BRONCHISEPTICA-PASTEURELLA MULTOCIDA BACTERIN</u>								
2108.00		165A 281	189	195	225	243A	272	
2108.01		264						
2109.00		165A	195	226	264	281	307	
<u>CAMPYLOBACTER FETUS BACTERIN</u>								
2861.00	OVINE ISOLATES	188						
2862.00	BOVINE ISOLATES	52 303	112A	124	165A	225	272	
2862.10	BOVINE ISOLATES	112	188	189	303			
<u>CAMPYLOBACTER FETUS-CHLAMYDIA PSITTACI BACTERIN</u>								
2119.00		188						

## BACTERINS &amp; BACTERIAL EXTRACTS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>CAMPYLOBACTER FETUS-CHLAMYDIA PSITTACI-ESCHERICHIA COLI BACTERIN</u>	
2121.00		303
	<u>CAMPYLOBACTER FETUS-ESCHERICHIA COLI BACTERIN</u>	
2122.00		303
	<u>CAMPYLOBACTER FETUS-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO- ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
2863.00		52 124 188 189 195A 225 272 303
2863.01		189
2863.10		112
	<u>CAMPYLOBACTER FETUS-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO- ICTEROHAEMORRHAGIAE-POMONA-CLOSTRIDIUM HAEMOLYTICUM BACTERIN</u>	
2864.00		52
	<u>CAMPYLOBACTER FETUS-LEPTOSPIRA GRIPPOTYPHOSA-HARDJO- ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
2863.02		189
	<u>CAMPYLOBACTER FETUS-LEPTOSPIRA GRIPPOTYPHOSA-HARDJO-POMONA BACTERIN</u>	
2869.10		112
	<u>CAMPYLOBACTER FETUS-LEPTOSPIRA POMONA BACTERIN</u>	
2865.00		52 124 189
	<u>CHLAMYDIA PSITTACI BACTERIN</u>	
2120.00		188
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM BACTERIN</u>	
2401.00		52 112 188 213 225
2401.01		124 188

# BACTERINS & BACTERIAL EXTRACTS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-PASTEURELLA HAEMOLYTICA-MULTOCIDA BACTERIN</u>	
2460.00		52 124 188 213 225
2460.01		188
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-PASTEURELLA MULTOCIDA BACTERIN</u>	
2461.00		188
	<u>CLOSTRIDIUM HAEMOLYTICUM BACTERIN</u>	
2465.00		52 112A 124 188 225
2465.01		213
	<u>CORYNEBACTERIUM PYOGENES-PASTEURELLA HAEMOLYTICA-MULTOCIDA BACTERIN</u>	
2633.00		52 112
	<u>EHRlichia RISTICII BACTERIN</u>	
2639.00		165A
	<u>ERYSIPELOTHRIX RHUSIOPATHIAE BACTERIN</u>	
2641.00		52 112 124 165A 188 189 195 196 213 243A 264 272 298 307 328
2641.01		188
	<u>ERYSIPELOTHRIX RHUSIOPATHIAE-HAEMOPHILUS PLEUROPNEUMONIAE BACTERIN</u>	
2640.00		165A 189
	<u>ERYSIPELOTHRIX RHUSIOPATHIAE-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
2642.00		189
	<u>ERYSIPELOTHRIX RHUSIOPATHIAE-PASTEURELLA MULTOCIDA BACTERIN</u>	
2645.00	PORCINE ISOLATES	124



## BACTERINS &amp; BACTERIAL EXTRACTS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
2645.01	PORCINE ISOLATES	264
2645.03	AVIAN ISOLATES, TYPES 1, 3 & 4	196
<u>ESCHERICHIA COLI BACTERIN</u>		
2648.00		287
2648.01		213
2648.03		264
2648.04		189
2648.07		303
2648.10		303
2648.40		112
2648.42		264
2648.43		165A
2648.45		225
2648.46		196
2648.47		124
2648.48		225
2648.49		243A
2648.50		165A
2648.51		281
2648.52		243A
2648.53		112 303
2648.54		225
2648.55		264 298 307
2648.58		165A
2648.60		334
2648.62		165A

# BACTERINS & BACTERIAL EXTRACTS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
2648.65		303
26R8.44		195
26R8.56		189
26R8.62		195
	<u>ESCHERICHIA COLI BACTERIAL EXTRACT</u>	
2648.09		107
	<u>ESCHERICHIA COLI-PASTEURELLA ANATIPESIFER BACTERIN</u>	
2850.00		268
	<u>ESCHERICHIA COLI-PASTEURELLA HAEMOLYTICA-MULTOCIDA-SALMONELLA TYPHIMURIUM BACTERIN</u>	
2651.00		112 290
	<u>ESCHERICHIA COLI-PASTEURELLA MULTOCIDA-SALMONELLA CHOLERAESUIS BACTERIN</u>	
2650.00		112 225
	<u>HAEMOPHILUS PARAGALLINARUM BACTERIN</u>	
2658.00		195 196
2658.10		195
	<u>HAEMOPHILUS PARASUIS BACTERIN</u>	
2652.00		303
	<u>HAEMOPHILUS PARASUIS-PLEUROPNEUMONIAE-PASTEURELLA MULTOCIDA BACTERIN</u>	
2674.00		112 213 303
	<u>HAEMOPHILUS PLEUROPNEUMONIAE BACTERIN</u>	
2657.00		112 189 195 225 264 301 307

## BACTERINS &amp; BACTERIAL EXTRACTS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>HAEMOPHILUS PLEUROPNEUMONIAE-PASTEURELLA MULTOCIDA BACTERIN</u>	
265H.01		303
	<u>HAEMOPHILUS SOMNUS BACTERIN</u>	
2659.00		52 124 225 272 303
	<u>HAEMOPHILUS SOMNUS-CAMPYLOBACTER FETUS-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
2664.00		124 272
	<u>HAEMOPHILUS SOMNUS-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
2663.00		124
	<u>HAEMOPHILUS SOMNUS-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA-MORAXELLA BOVIS-CAMPYLOBACTER FETUS BACTERIN</u>	
2670.00		124
	<u>HAEMOPHILUS SOMNUS-PASTEURELLA HAEMOLYTICA-MULTOCIDA BACTERIN</u>	
2660.00		124 225
	<u>LEPTOSPIRA BRATISLAVA BACTERIN</u>	
2679.00		189
	<u>LEPTOSPIRA BRATISLAVA-CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
2680.00		189
	<u>LEPTOSPIRA CANICOLA BACTERIN</u>	
2661.00		188

## BACTERINS &amp; BACTERIAL EXTRACTS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
2665.00		52 107 112 124 165A 188 195 195A 213 225 243A 264 303 314
2665.01		124 188 189 272
2665.02		189
	<u>LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA-STAPHYLOCOCCUS AUREUS-BACTERIN</u>	
2666.00		124
	<u>LEPTOSPIRA CANICOLA-ICTEROHAEMORRHAGIAE BACTERIN</u>	
2671.00		107 112 124 188 189 195A 225 243A 272
2671.01		112 264 298
	<u>LEPTOSPIRA CANICOLA-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
2673.00		213
	<u>LEPTOSPIRA GRIPPOTYPHOSA BACTERIN</u>	
2675.00		188
	<u>LEPTOSPIRA GRIPPOTYPHOSA-HARDJO-POMONA BACTERIN</u>	
2681.00		112 188 189 264
	<u>LEPTOSPIRA HARDJO BACTERIN</u>	
26M7.00		189
	<u>LEPTOSPIRA HARDJO-POMONA BACTERIN</u>	
2688.00		189

## BACTERINS &amp; BACTERIAL EXTRACTS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>						
	<u>LEPTOSPIRA POMONA BACTERIN</u>							
2691.00		52	107	112	124	188	189	
		213	225	243A	264	272		
2691.01		188						
	<u>LEPTOSPIRA POMONA-PASTEURELLA HAEMOLYTICA-MULTOCIDA BACTERIN</u>							
2695.00		124						
	<u>MORAXELLA BOVIS BACTERIN</u>							
2772.00		165A	189					
2772.01		165A						
	<u>MYCOBACTERIUM PARATUBERCULOSIS BACTERIN</u>							
2773.00		195A						
	<u>MYCOPLASMA GALLISEPTICUM BACTERIN</u>							
2774.00		165A	195	196	298			
	<u>MYCOPLASMA SYNOVIAE BACTERIN</u>							
2776.00		195						
	<u>PASTEURELLA ANATIPESTIFER BACTERIN</u>							
2698.00		268						
	<u>PASTEURELLA HAEMOLYTICA BACTERIN</u>							
269A.00		112						
	<u>PASTEURELLA HAEMOLYTICA-MULTOCIDA BACTERIN</u>							
2700.00		112	188	213	225	243A	264	
		272						



## BACTERINS &amp; BACTERIAL EXTRACTS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>PASTEURELLA HAEMOLYTICA-MULTOCIDA-SALMONELLA TYPHIMURIUM BACTERIN</u>	
2708.00		290
	<u>PASTEURELLA MULTOCIDA BACTERIN</u>	
2701.01	PORCINE ISOLATES	124 264 307
2701.22	BOVINE & PORCINE ISOLATES	188
2701.52	BOVINE & PORCINE ISOLATES	188
2702.13	AVIAN ISOLATES, TYPES 1,3 & 4	195 196 240 280
2703.14	AVIAN ISOLATES, TYPE 3 X 4	196
	<u>PSEUDOMONAS AERUGINOSA BACTERIN</u>	
2735.00		165A 245
	<u>RAM EPIDIDYMITIS BACTERIN</u>	
2771.00		188
	<u>SALMONELLA ARIZONAE BACTERIN</u>	
2780.00		307
	<u>SALMONELLA CHOLERAESUIS BACTERIN</u>	
2781.00		225 303 328
	<u>SALMONELLA CHOLERAESUIS-TYPHIMURIUM BACTERIN</u>	
2791.00		303
	<u>SALMONELLA DUBLIN-TYPHIMURIUM BACTERIN</u>	
2821.00		52 188 328
	<u>SALMONELLA DUBLIN BACTERIN</u>	
2784.00		328

# BACTERINS & BACTERIAL EXTRACTS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>SALMONELLA TYPHIMURIUM BACTERIN</u>	
2825.00		303 328
2825.01		328
	<u>STAPHYLOCOCCUS AUREUS BACTERIN</u>	
2852.00		124
	<u>STREPTOCOCCUS EQUI BACTERIN</u>	
2855.00		112
	<u>STREPTOCOCCUS EQUI BACTERIAL EXTRACT</u>	
2856.00		52 107
	<u>STREPTOCOCCUS SUIS BACTERIN</u>	
2840.00		307
	<u>TREPONEMA HYODYSENTERIAE BACTERIN</u>	
2857.00		52
2857.01		52
	<u>TRICHOMONAS FOETUS BACTERIN</u>	
2859.00	KILLED PROTOZOA	112
	<u>VIBRIO ANGUILLARUM-ORDALII BACTERIN</u>	
2858.02		264 285 335
	<u>VIBRIO ANGUILLARUM-ORDALII YERSINIA RUCKERI BACTERIN</u>	
2871.00		285
	<u>VIBRIO ANGUILLARUM-SALMONICIDA BACTERIN</u>	
2868.00		285

## BACTERINS &amp; BACTERIAL EXTRACTS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>VIBRIO ANGUILLARUM-SALMONICIDA-YERSINIA RUCKERI BACTERIN</u>	
2872.00		285
	<u>VIBRIO SALMONICIDA BACTERIN</u>	
2870.00		285
	<u>YERSINIA RUCKERI BACTERIN</u>	
2638.00		264 285 335

# ANTISERUM

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>CORYNEBACTERIUM PYOGENES-ESCHERICHIA COLI-PASTEURELLA HAEMOLYTICA-MULTOCIDA-SALMONELLA TYPHIMURIUM ANTISERUM</u>		
3391.00	BOVINE ISOLATES & ORIGIN	188
<u>CORYNEBACTERIUM PYOGENES-ESCHERICHIA COLI-PASTEURELLA MULTOCIDA-SALMONELLA TYPHIMURIUM ANTISERUM</u>		
3399.00	BOVINE ISOLATES & ORIGIN	124
3400.00	BOVINE ISOLATES & ORIGIN, CONCENTRATE	124
<u>CORYNEBACTERIUM PYOGENES-PASTEURELLA HAEMOLYTICA-MULTOCIDA ANTISERUM</u>		
3414.02	BOVINE & PORCINE ISOLATES, BOVINE ORIGIN	188
<u>CORYNEBACTERIUM PYOGENES-PASTEURELLA MULTOCIDA ANTISERUM</u>		
3501.00	BOVINE ISOLATES & ORIGIN	188
3501.02	BOVINE & PORCINE ISOLATES, BOVINE ORIGIN	188
3504.00	BOVINE ISOLATES & ORIGIN, CONCENTRATE	188
3504.02	BOVINE & PORCINE ISOLATES, BOVINE ORIGIN, CONCENTRATE	188
<u>DUCK VIRUS HEPATITIS YOLK ANTIBODY</u>		
3508.00		268
<u>ERYSIPLOTHRIX RHUSIOPATHIAE ANTISERUM</u>		
3511.00	EQUINE ORIGIN	124 188 328
<u>ESCHERICHIA COLI ANTIBODY</u>		
3524.00	BOVINE ORIGIN	370
<u>ESCHERICHIA COLI ANTISERUM</u>		
3526.00	EQUINE ORIGIN	124 303 312
3526.01	EQUINE ORIGIN	303

# ANTISERUM

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>ESCHERICHIA COLI MONOCLONAL ANTIBODY</u>	
3525.00		165A
3527.00		341
	<u>ESCHERICHIA COLI-PASTEURELLA MULTOCIDA-SALMONELLA TYPHIMURIUM ANTISERUM</u>	
3531.00	BOVINE ISOLATES & ORIGIN	188
	<u>GAMMA GLOBULIN</u>	
3650.00	EQUINE ORIGIN	358
	<u>NORMAL COLOSTRAL WHEY</u>	
3605.01	BOVINE ORIGIN	363
	<u>NORMAL GLOBULIN CONCENTRATE</u>	
3600.00	EQUINE ORIGIN	276
	<u>NORMAL PLASMA</u>	
3601.00	EQUINE ORIGIN	318 360
3601.01	EQUINE ORIGIN	318
	<u>NORMAL SERUM</u>	
3602.00	EQUINE ORIGIN	188 347
	<u>SALMONELLA TYPHIMURIUM ANTISERUM</u>	
3850.00	EQUINE ORIGIN	345
	<u>STREPTOCOCCUS EQUISIMILUS ANTISERUM</u>	
3860.00	EQUINE ORIGIN	303
	<u>STREPTOCOCCUS SUIS ANTISERUM</u>	
3870.00	EQUINE ORIGIN	303 328



# ANTISERUM

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>WHEY GLOBULIN CONCENTRATE</u>	
3604.00	BOVINE ORIGIN	341

# VACCINES WITH BACTERINS/TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>BORDETELLA BRONCHISEPTICA VACCINE-ERYSIPELOTHRIX RHUSIOPATHIAE-PASTEURELLA MULTOCIDA BACTERIN</u>	
4015.00	AVIRULENT LIVE CULTURE	124
	<u>BORDETELLA BRONCHISEPTICA VACCINE-PASTEURELLA MULTOCIDA BACTERIN</u>	
4004.01	AVIRULENT LIVE CULTURE	124
	<u>BOVINE RHINOTRACHEITIS VACCINE-HAEMOPHILUS SOMNUS-PASTEURELLA HAEMOLYTICA-MULTOCIDA BACTERIN</u>	
4009.20	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	124
	<u>BOVINE RHINOTRACHEITIS VACCINE-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
4019.00	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	188
	<u>BOVINE RHINOTRACHEITIS VACCINE-LEPTOSPIRA GRIPPOTYPHOSA-HARDJO-POMONA BACTERIN</u>	
4059.00	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	188
	<u>BOVINE RHINOTRACHEITIS VACCINE-LEPTOSPIRA POMONA BACTERIN</u>	
4089.00	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	188 213 243A 264
4089.01	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	52
4089.20	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	107 124 189 225 243A 272
	<u>BOVINE RHINOTRACHEITIS VACCINE-LEPTOSPIRA POMONA-PASTEURELLA HAEMOLYTICA-MULTOCIDA BACTERIN</u>	
4119.20	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	124
	<u>BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3 VACCINE-HAEMOPHILUS SOMNUS BACTERIN</u>	
4135.00	KILLED VIRUS	124
4139.20	MODIFIED LIVE VIRUS	124 225

# VACCINES WITH BACTERINS/TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3 VACCINE-HAEMOPHILUS SOMNUS-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
4181.20	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	124
	<u>BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3 VACCINE-HAEMOPHILUS SOMNUS-PASTEURELLA HAEMOLYTICA-MULTOCIDA BACTERIN</u>	
4165.00	KILLED VIRUS	124
4169.20	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	124 225
	<u>BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3 VACCINE-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
4129.00	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	188 213
	<u>BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3 VACCINE-LEPTOSPIRA GRIPPOTYPHOSA-HARDJO-POMONA BACTERIN</u>	
4179.00	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	188
	<u>BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3 VACCINE-LEPTOSPIRA POMONA BACTERIN</u>	
4209.00	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	188 213
4209.20	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	124 272
4209.31	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	52
	<u>BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3 VACCINE-LEPTOSPIRA POMONA-PASTEURELLA HAEMOLYTICA-MULTOCIDA BACTERIN</u>	
4239.20	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	124
	<u>BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3 VACCINE-PASTEURELLA HAEMOLYTICA-MULTOCIDA BACTERIN</u>	
4265.00	KILLED VIRUS	112 124
4265.20	KILLED VIRUS	112
4269.00	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	213 243A 264
4269.20	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	243A 272

# VACCINES WITH BACTERINS/TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>BOVINE RHINOTRACHEITIS-RESPIRATORY SYNCYTIAL VIRUS VACCINE-LEPTOSPIRA POMONA BACTERIN</u>	
4277.20	MODIFIED LIVE VIRUS	189
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA VACCINE-HAEMOPHILUS SOMNUS-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
4241.30	MODIFIED LIVE VIRUS	124
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA VACCINE-HAEMOPHILUS SOMNUS-LEPTOSPIRA POMONA BACTERIN</u>	
4215.20	KILLED VIRUS,COMBINATION PACKAGE	272
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA VACCINE-HAEMOPHILUS SOMNUS-PASTEURELLA HAEMOLYTICA-MULTOCIDA BACTERIN</u>	
4319.30	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	124
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA VACCINE-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
4335.20	KILLED VIRUS	112 272
4336.30	KILLED VIRUS,COMBINATION PACKAGE	213
4339.00	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	188 213
4339.20	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	107 189
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA VACCINE-LEPTOSPIRA GRIPPOTYPHOSA-HARDJO-POMONA BACTERIN</u>	
4359.00	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	188
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA VACCINE-LEPTOSPIRA POMONA BACTERIN</u>	
4385.20	KILLED VIRUS	189 272
4389.00	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	52 188 213 243A 264
4389.20	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	189 225 243A 272
4389.30	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	124

# VACCINES WITH BACTERINS/TOXOIDS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA VACCINE-LEPTOSPIRA POMONA- PASTEURELLA HAEMOLYTICA-MULTOCIDA BACTERIN</u>	
4419.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA 3 VACCINE- CAMPYLOBACTER FETUS-HAEMOPHILUS SOMNUS-LEPTOSPIRA CANICOLA- GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
4489.20		272
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA 3 VACCINE- CAMPYLOBACTER FETUS-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO- ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
4560.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189 225 272
4560.21	MODIFIED LIVE VIRUS	189
4565.20	KILLED VIRUS	112 189
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA 3 VACCINE- HAEMOPHILUS SOMNUS BACTERIN</u>	
44H5.20	KILLED VIRUS	124 272
44H9.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	272
44H9.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124 225
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA 3 VACCINE- HAEMOPHILUS SOMNUS-CAMPYLOBACTER FETUS-LEPTOSPIRA CANICOLA- GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
4489.30	MODIFIED LIVE VIRUS	124
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA 3 VACCINE- HAEMOPHILUS SOMNUS-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO- ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
4491.30	MODIFIED LIVE VIRUS	124
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA 3 VACCINE- HAEMOPHILUS SOMNUS-PASTEURELLA HAEMOLYTICA-MULTOCIDA BACTERIN</u>	
4459.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124 225



# VACCINES WITH BACTERINS/TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA 3 VACCINE- LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>		
4435.20	KILLED VIRUS	112 243A 272
4435.21	KILLED VIRUS	189
4439.00	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	188 213 243A
4439.20	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	107 189 243A 272
4439.21	MODIFIED LIVE VIRUS	107
4439.30	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	52 124
<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA 3 VACCINE- LEPTOSPIRA GRIPPOTYPHOSA-HARDJO-POMONA BACTERIN</u>		
4479.00	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	188
<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA 3 VACCINE- LEPTOSPIRA POMONA BACTERIN</u>		
4509.00	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	188 213 264
4509.20	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	189 272
4509.30	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	52
<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA 3 VACCINE- PASTURELLA HAEMOLYTICA-MULTOCIDA BACTERIN</u>		
4535.20	KILLED VIRUS	112
4539.00	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	213 243A 264
4539.20	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	243A 264 272
<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA 3- RESPIRATORY SYNCYTIAL VIRUS VACCINE-CAMPYLOBACTER FETUS-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>		
44B1.20	MODIFIED LIVE VIRUS	189
44B9.20	MODIFIED LIVE & KILLED VIRUS	189
44B9.21	MODIFIED LIVE & KILLED VIRUS	189

# VACCINES WITH BACTERINS/TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
44B9.22	MODIFIED LIVE & KILLED VIRUS	189
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA 3- RESPIRATORY SYNCYTIAL VIRUS VACCINE-LEPTOSPIRA CANICOLA- GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
4461.20	MODIFIED LIVE VIRUS	189
4465.20	KILLED VIRUS	112
4469.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124 213
4469.20	MODIFIED LIVE & KILLED VIRUS	189
4469.21	MODIFIED LIVE & KILLED VIRUS	189
4469.22	MODIFIED LIVE & KILLED VIRUS	189
4469.30	KILLED & MODIFIED LIVE VIRUS, COMBINATION PACKAGE	213
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA 3- RESPIRATORY SYNCYTIAL VIRUS VACCINE-LEPTOSPIRA POMONA BACTERIN</u>	
44A9.20	MODIFIED LIVE & KILLED VIRUS	189
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA 3- RESPIRATORY SYNCYTIAL VIRUS VACCINE-PASTEURELLA HAEMOLYTICA BACTERIN</u>	
44A5.20	KILLED VIRUS	112
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-RESPIRATORY SYNCYTIAL VIRUS- LEPTOSPIRA POMONA BACTERIN</u>	
4367.20	MODIFIED LIVE VIRUS	189
	<u>BOVINE ROTA-CORONAVIRUS VACCINE-CLOSTRIDIUM PERFRINGENS TYPE C- ESCHERICHIA COLI BACTERIN-TOXOID</u>	
4570.20	KILLED VIRUS	189
	<u>BOVINE ROTA-CORONAVIRUS VACCINE-ESCHERICHIA COLI BACTERIN</u>	
4585.20	KILLED VIRUS	189
4589.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189

# VACCINES WITH BACTERINS/TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>BOVINE VIRUS DIARRHEA VACCINE-CAMPYLOBACTER FETUS-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>		
45B5.20	KILLED VIRUS	189
45B5.21	KILLED VIRUS	189
<u>BOVINE VIRUS DIARRHEA VACCINE-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>		
4595.20	KILLED VIRUS	189
4595.21	KILLED VIRUS	189
<u>BOVINE VIRUS DIARRHEA VACCINE-LEPTOSPIRA POMONA BACTERIN</u>		
4599.00	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	188
4599.20	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	189
4599.21	KILLED VIRUS	189
<u>BURSAL DISEASE-NEWCASTLE DISEASE VACCINE-PASTEURELLA MULTOCIDA BACTERIN</u>		
4635.40	KILLED VIRUS,AVIAN ISOLATES,TYPES 1,3 & 4	240
<u>CANINE ADENOVIRUS TYPE 2-PARVOVIRUS VACCINE-LEPTOSPIRA BACTERIN</u>		
4605.20	KILLED VIRUS	272
4608.20	MODIFIED LIVE & KILLED VIRUS	272
<u>CANINE CORONA-PARVOVIRUS VACCINE-LEPTOSPIRA BACTERIN</u>		
4781.20	MODIFIED LIVE VIRUS	112
<u>CANINE CORONAVIRUS VACCINE-LEPTOSPIRA BACTERIN</u>		
4601.20	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	112
46E5.20	KILLED VIRUS	112

# VACCINES WITH BACTERINS/TOXOIDS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2-CORONA-PARAINFLUENZA-PARVOVIRUS VACCINE-LEPTOSPIRA BACTERIN</u>		
46J9.20	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	112
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2-CORONAVIRUS-PARAINFLUENZA-PARVOVIRUS VACCINE-LEPTOSPIRA BACTERIN</u>		
46J7.20	MODIFIED LIVE & KILLED VIRUS	189
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2-HEPATITIS-PARAINFLUENZA-PARVOVIRUS VACCINE-LEPTOSPIRA BACTERIN</u>		
46A9.20	MODIFIED LIVE & KILLED VIRUS	272
49A9.20	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	272
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2 VACCINE-LEPTOSPIRA BACTERIN</u>		
4629.20	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	112 189
4629.30	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	195A
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2-PARAINFLUENZA VACCINE-BORDETELLA BRONCHISEPTICA-LEPTOSPIRA BACTERIN</u>		
4649.20	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	189
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2-PARAINFLUENZA VACCINE-LEPTOSPIRA BACTERIN</u>		
4659.20	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	107 112 189 264
4659.30	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	195A
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2-PARAINFLUENZA-PARVOVIRUS VACCINE-BORDETELLA BRONCHISEPTICA BACTERIN</u>		
46E9.21	MODIFIED LIVE VIRUS	189
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2-PARAINFLUENZA-PARVOVIRUS VACCINE-BORDETELLA BRONCHISEPTICA-LEPTOSPIRA BACTERIN</u>		
46H9.21	MODIFIED LIVE VIRUS	189



# VACCINES WITH BACTERINS/TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2-PARAINFLUENZA-PARVOVIRUS VACCINE-LEPTOSPIRA BACTERIN</u>		
4636.20	KILLED VIRUS	213
4637.20	MODIFIED LIVE VIRUS	189
4638.30	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	195A
4638.31	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	195A
4639.20	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	112 189 264 298
4639.21	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	189
4639.30	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	195A
4639.31	MODIFIED LIVE & KILLED VIRUS	195A
4639.40	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	107 189
<u>CANINE DISTEMPER-HEPATITIS VACCINE-LEPTOSPIRA BACTERIN</u>		
4689.00	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	112 243A
4689.20	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	112 124 225 243A 264 272
4689.30	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	195A
4689.40	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	188
<u>CANINE DISTEMPER-HEPATITIS-PARAINFLUENZA VACCINE-BORDETELLA BRONCHISEPTICA BACTERIN</u>		
4789.20	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	264
<u>CANINE DISTEMPER-HEPATITIS-PARAINFLUENZA VACCINE-LEPTOSPIRA BACTERIN</u>		
4809.00	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	243A
4809.20	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	112 124 225 264 272 298
<u>CANINE DISTEMPER-HEPATITIS-PARAINFLUENZA-PARVOVIRUS VACCINE-LEPTOSPIRA BACTERIN</u>		
47P9.20	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	272



# VACCINES WITH BACTERINS/TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>					
47P9.21	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	112	124	225	243A	264	298
47P9.22	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124	264				
47P9.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	243A					
<u>CANINE PARAINFLUENZA VACCINE-BORDETELLA BRONCHISEPTICA BACTERIN</u>							
47A1.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189					
<u>ENCEPHALOMYELITIS-INFLUENZA VACCINE-TETANUS TOXOID</u>							
4835.20	EASTERN & WESTERN, KILLED VIRUS	107					
4835.41	EASTERN, WESTERN, KILLED VIRUS	112					
4835.42	EASTERN & WESTERN, KILLED VIRUS	112					
4835.43	EASTERN, WESTERN, KILLED VIRUS	52					
4835.A1	EASTERN, WESTERN, KILLED VIRUS	287					
4875.A0	EASTERN, WESTERN, VENEZUELAN, KILLED VIRUS	287					
<u>ENCEPHALOMYELITIS VACCINE-TETANUS TOXOID</u>							
4865.00	EASTERN, WESTERN, KILLED VIRUS	52	107	112	188		
4865.20	EASTERN, WESTERN, KILLED VIRUS	107	287				
4865.23	EASTERN, WESTERN, VENEZUELAN, KILLED VIRUS	107	287				
4865.33	EASTERN, WESTERN, VENEZUELAN, KILLED VIRUS	107					
<u>EQUINE INFLUENZA VACCINE-TETANUS TOXOID</u>							
4895.10	KILLED VIRUS	112	287				
4895.20	KILLED VIRUS	52	112				
<u>ERYSIPELOTHRIX RHUSIOPATHIAE VACCINE-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>							
4909.00	AVIRULENT LIVE CULTURE, COMBINATION PACKAGE	112	124	165A	189		

# VACCINES WITH BACTERINS/TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>MINK DISTEMPER VACCINE-CLOSTRIDIUM BOTULINUM TYPE C BACTERIN-TOXOID</u>		
4919.00	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	245
<u>MINK DISTEMPER-ENTERITIS VACCINE-CLOSTRIDIUM BOTULINUM TYPE C BACTERIN-TOXOID</u>		
4929.00	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	165A
4929.30	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	165A 245
4929.31	MODIFIED LIVE & KILLED VIRUS	245
<u>MINK DISTEMPER-ENTERITIS VACCINE-CLOSTRIDIUM BOTULINUM TYPE C-PSEUDOMONAS AERUGINOSA BACTERIN-TOXOID</u>		
4949.30	MODIFIED LIVE & KILLED VIRUS	165A 245
4949.31	MODIFIED LIVE & KILLED VIRUS	245
<u>MINK ENTERITIS VACCINE-CLOSTRIDIUM BOTULINUM TYPE C BACTERIN-TOXOID</u>		
4955.00	KILLED VIRUS	165A
4955.20	KILLED VIRUS	165A 245
4955.21	KILLED VIRUS	245
<u>MINK ENTERITIS VACCINE-CLOSTRIDIUM BOTULINUM TYPE C-PSEUDOMONAS AERUGINOSA BACTERIN-TOXOID</u>		
49A5.20	KILLED VIRUS	165A 245
49A5.21	KILLED VIRUS	245
<u>NEWCASTLE-BRONCHITIS VACCINE-MYCOPLASMA GALLISEPTICUM BACTERIN</u>		
48B5.10	KILLED VIRUS	165A 196
48B6.10	MASS TYPE,KILLED VIRUS	286
<u>PARAINFLUENZA 3 VACCINE-LEPTOSPIRA POMONA BACTERIN</u>		
4989.00	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	188

# VACCINES WITH BACTERINS/TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>PARVOVIRUS VACCINE-ERYSIPELOTHRIX RHUSIOPATHIAE-LEPTOSPIRA BRATISLAVA-CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
48C5.20	KILLED VIRUS	189
	<u>PARVOVIRUS VACCINE-ERYSIPELOTHRIX RHUSIOPATHIAE-LEPTOSPIRA CANICOLA- GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
48C5.20	KILLED VIRUS	189 303
	<u>PARVOVIRUS VACCINE-ERYSIPELOTHRIX RHUSIOPATHIAE-LEPTOSPIRA CANICOLA- GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA-PASTEURELLA MULTOCIDA BACTERIN</u>	
4915.20	KILLED VIRUS	264
	<u>PARVOVIRUS VACCINE-LEPTOSPIRA BACTERIN</u>	
4960.00	MODIFIED LIVE VIRUS	124 243A 264 298
4960.01	MODIFIED LIVE VIRUS	264 298
4965.20	KILLED VIRUS	107 189 195A 272
4965.21	KILLED VIRUS	195A
	<u>PARVOVIRUS VACCINE-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO- ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
4975.00	KILLED VIRUS	195 195A 307 314
4975.20	KILLED VIRUS	52 112 189 225 264 272 303
	<u>PARVOVIRUS-PSEUDORABIES VACCINE-ERYSIPELOTHRIX RHUSIOPATHIAE- LEPTOSPIRA BRATISLAVA-CANICOLA-GRIPPOTYPHOSA-HARDJO- ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
48A9.20	MODIFIED LIVE & KILLED VIRUS	189
	<u>PARVOVIRUS-PSEUDORABIES VACCINE-ERYSIPELOTHRIX RHUSIOPATHIAE- LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
48A9.20	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	189

# VACCINES WITH BACTERINS/TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>PARVOVIRUS-PSEUDORABIES VACCINE-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
4889.20	MODIFIED LIVE & KILLED VIRUS	264
4889.R0	MODIFIED LIVE & KILLED VIRUS	314
	<u>PORCINE ROTAVIRUS VACCINE-CLOSTRIDIUM PERFRINGENS TYPE C-ESCHERICHIA COLI BACTERIN-TOXOID</u>	
49C1.20	MODIFIED LIVE VIRUS	281
	<u>PORCINE ROTAVIRUS VACCINE-ESCHERICHIA COLI BACTERIN</u>	
49K1.20	MODIFIED LIVE VIRUS	281
	<u>PORCINE ROTAVIRUS-TRANSMISSIBLE GASTROENTERITIS VACCINE-CLOSTRIDIUM PERFRINGENS TYPE C-ESCHERICHIA COLI BACTERIN-TOXOID</u>	
49B1.20	MODIFIED LIVE VIRUS	189 281
	<u>PORCINE ROTAVIRUS-TRANSMISSIBLE GASTROENTERITIS VACCINE-ESCHERICHIA COLI BACTERIN</u>	
49P1.20	MODIFIED LIVE VIRUS	281
	<u>PSEUDORABIES VACCINE-BORDETELLA BRONCHISEPTICA-ERYSIPELOTHRIX RHUSIOPATHIAE-PASTEURELLA MULTOCIDA BACTERIN</u>	
4991.20	MODIFIED LIVE VIRUS	264
	<u>PSEUDORABIES VACCINE-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
4999.20	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	189
4999.21	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	189
4999.R0	MODIFIED LIVE VIRUS	314
	<u>TRANSMISSIBLE GASTROENTERITIS VACCINE-BORDETELLA BRONCHISEPTICA-CLOSTRIDIUM PERFRINGENS TYPE C-ESCHERICHIA COLI-PASTEURELLA MULTOCIDA BACTERIN-TOXOID</u>	
49J9.00	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	213

# VACCINES WITH BACTERINS/TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>TRANSMISSIBLE GASTROENTERITIS VACCINE-CLOSTRIDIUM PERFRINGENS TYPE C BACTERIN-TOXOID</u>	
49M9.00	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	213
49M9.20	MODIFIED LIVE VIRUS	112
	<u>TRANSMISSIBLE GASTROENTERITIS VACCINE-CLOSTRIDIUM PERFRINGENS TYPE C-ESCHERICHIA COLI BACTERIN-TOXOID</u>	
49H9.00	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	213
	<u>TRANSMISSIBLE GASTROENTERITIS VACCINE-ESCHERICHIA COLI BACTERIN</u>	
4988.00	MODIFIED LIVE VIRUS,COMBINATION PACKAGE	213



# DIAGNOSTICS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>ALEUTIAN DISEASE COUNTERELECTROPHORESIS ANTIGEN</u>	
5001.20		245
	<u>ALEUTIAN DISEASE COUNTERELECTROPHORESIS ANTIGEN</u>	
5005.00		245
	<u>AVIAN ENCEPHALOMYELITIS ANTIBODY TEST KIT</u>	
5006.00		313
	<u>AVIAN LEUKOSIS DIAGNOSTIC KIT</u>	
5007.00		291 313
	<u>AVIAN LEUKOSIS VIRUS ANTIBODY TEST KIT</u>	
5007.01		313
	<u>AVIAN REOVIRUS ANTIBODY TEST KIT</u>	
5008.00		313 350
	<u>BLUETONGUE ANTIBODY TEST KIT</u>	
5010.00		336
	<u>BOVINE LEUKEMIA ANTIBODY TEST KIT</u>	
5505.20		264 298
	<u>BOVINE MASTITIS ANTIGEN TEST KIT</u>	
5009.00		327
	<u>BRUCELLA ABORTUS ANTIBODY TEST KIT</u>	
5013.00		313
5013.01		313

# DIAGNOSTICS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>CANINE BRUCELLOSIS ANTIBODY TEST KIT</u>	
5021.00		264 298
	<u>CANINE DISTEMPER VIRUS ANTIBODY TEST KIT</u>	
5020.00		299
	<u>CANINE HEARTWORM ANTIGEN TEST KIT</u>	
5018.00		312 313 330
5018.01		196 313
5018.02		312 313
5018.03		312
	<u>CANINE PARVOVIRUS TEST KIT</u>	
5024.00		272 297 313
	<u>CANINE RHEUMATOID FACTOR TEST KIT</u>	
5012.00		312
	<u>ECTROMELIA VIRUS ANTIBODY TEST KIT</u>	
5025.00		264 293
	<u>EQUINE IMMUNOGLOBULIN TEST KIT</u>	
5100.00		333
	<u>EQUINE INFECTIOUS ANEMIA ANTIBODY TEST KIT</u>	
5515.20		264
5515.21		264 272
	<u>EQUINE INFECTIOUS ANEMIA ELISA ANTIBODY TEST KIT</u>	
5514.00		272

# DIAGNOSTICS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>					
	<u>ESCHERICHIA COLI ANTIGEN TEST KIT</u>						
5032.00		312	332				
	<u>FASCIOLA HEPATICA ANTIBODY TEST KIT</u>						
5014.00		342					
	<u>FELINE IMMUNODEFICIENCY VIRUS ANTIGEN TEST KIT</u>						
5038.00		313					
	<u>FELINE INFECTIOUS PERITONITIS ANTIBODY TEST KIT</u>						
5029.00		272					
5029.01		299					
	<u>FELINE LEUKEMIA VIRUS ANTIBODY TEST KIT</u>						
5026.00		299					
	<u>FELINE LEUKEMIA VIRUS ANTIGEN T-LYMPHOTROPHIC LENTIVIRUS ANTIBODY TEST KIT</u>						
502A.00		313					
	<u>FELINE LEUKEMIA VIRUS ANTIGEN TEST KIT</u>						
5028.02		272	312				
	<u>FELINE LEUKEMIA VIRUS TEST KIT</u>						
5028.00		264	272	299	312	313	317
		333					
5028.01		312	313				
	<u>FELINE T-LYMPHOTROPHIC LENTIVIRUS ANTIBODY TEST KIT</u>						
5036.00		313					
5036.01		313					

# DIAGNOSTICS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>INFECTIOUS BRONCHITIS VIRUS ANTIBODY TEST KIT</u>	
5030.00		313 350
	<u>INFECTIOUS BURSAL DISEASE ANTIBODY TEST KIT</u>	
5040.00		313 350
	<u>KILHAM RAT VIRUS &amp; H-1 VIRUS ANTIBODY TEST KIT</u>	
5046.00		293
	<u>LEPTOSPIRA CANICOLA ANTIGEN</u>	
5051.00		112
	<u>LEPTOSPIRA GRIPPOTYPHOSA ANTIGEN</u>	
5053.00		112
	<u>LEPTOSPIRA HARDJO ANTIGEN</u>	
5055.00		112
	<u>LEPTOSPIRA ICTEROHAEMORRHAGIAE ANTIGEN</u>	
5057.00		112
	<u>LEPTOSPIRA POMONA ANTIGEN</u>	
5059.00		112
	<u>LYMPHOCYTIC CHORIOMENINGITIS VIRUS ANTIBODY TEST KIT</u>	
5062.00		293
	<u>MINUTE VIRUS OF MICE ANTIBODY TEST KIT</u>	
5060.00		293
	<u>MOUSE HEPATITIS VIRUS ANTIBODY TEST KIT</u>	
5061.00		293 299

# DIAGNOSTICS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>		
	<u>MURINE ENCEPHALOMYELITIS VIRUS ANTIBODY TEST KIT</u>			
5063.00		293		
	<u>MURINE VIRUS ANTIBODY SCREEN TEST KIT</u>			
5068.00		293		
	<u>MYCOBACTERIUM PARATUBERCULOSIS ANTIBODY TEST KIT</u>			
5064.00		327		
	<u>MYCOPLASMA GALLISEPTICUM ANTIGEN</u>			
5071.00	S-6 SEROTYPE, PLATE	195	286	286A
	<u>MYCOPLASMA GALLISEPTICUM ANTIBODY TEST KIT</u>			
5070.00		313	350	
	<u>MYCOPLASMA GALLISEPTICUM-SYNOVIAE ANTIBODY TEST KIT</u>			
5074.00		305	313	
	<u>MYCOPLASMA MELEAGRIDIS ANTIGEN</u>			
5072.00	H SEROTYPE, PLATE	195		
	<u>MYCOPLASMA PULMONIS ANTIBODY TEST KIT</u>			
5065.00		264	293	299
5065.01		293	299	
	<u>MYCOPLASMA SYNOVIAE ANTIGEN</u>			
5073.00	S-SEROTYPE, PLATE	195	286	286A
	<u>NEWCASTLE DISEASE ANTIBODY TEST KIT</u>			
5080.00		313	350	



# DIAGNOSTICS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS.</u>	<u>OF PRODUCERS</u>
	<u>NEWCASTLE DISEASE VIRUS ANTIBODY TEST KIT</u>		
5080.01		313	
	<u>NEWCASTLE-BRONCHITIS ANTIBODY TEST KIT</u>		
5081.00		305	
	<u>NEWCASTLE-BURSAL DISEASE ANTIBODY TEST KIT</u>		
5082.00		305	
	<u>PASTEURELLA MULTOCIDA ANTIBODY TEST KIT</u>		
5130.00	AVIAN ISOLATES	313	
5130.01		313	
	<u>PNEUMONIA VIRUS OF MICE ANTIBODY TEST KIT</u>		
5090.00		293	299
5090.01		293	299
	<u>PSEUDORABIES VIRUS ANTIBODY TEST KIT</u>		
5110.00		189	264 272 320
5111.00		313	369
	<u>PSEUDORABIES VIRUS ANTIBODY TEST KIT (SCREENING)</u>		
5110.01		313	
	<u>PSEUDORABIES VIRUS ANTIBODY TEST KIT (VERIFICATION)</u>		
5110.02		313	
	<u>PULLORUM ANTIGEN</u>		
5201.00	MICROTEST	196	
5206.00	STAINED ANTIGEN K POLYVALENT	195	
5207.00	STAINED ANTIGEN POLYVALENT	196	

# DIAGNOSTICS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
5208.00	TUBE	196
	<u>RAT CORONAVIRUS SIALODACRYOADENITIS VIRUS ANTIBODY TEST KIT</u>	
5240.00		293 299
	<u>REOVIRUS TYPE 3 ANTIBODY TEST KIT</u>	
5260.00		293
	<u>RETICULOENDOTHELIOSIS VIRUS ANTIBODY TEST KIT</u>	
5265.00		313
	<u>SENDAI VIRUS ANTIBODY TEST KIT</u>	
5280.00		264 293 299
5280.01		293 299
	<u>STAPHYLOCOCCUS AUREUS ANTIBODY TEST KIT</u>	
5850.00		372
	<u>TUBERCULIN</u>	
5301.00	MAMMALIAN,HUMAN ISOLATES,INTRADERMIC	107
5302.00	PPD BOVIS,INTRADERMIC	107
	<u>TOXOPLASMA GONDII ANTIBODY TEST KIT</u>	
5285.00		299
	<u>TRICHINELLA SPIRALIS ANTIBODY TEST KIT</u>	
5350.00		325 342

# ANTITOXINS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>ANTIVENIN</u>	
6101.00	(CROTALIDAE) POLYVALENT	112B
	<u>CLOSTRIDIUM PERFRINGENS TYPE C ANTITOXIN</u>	
6211.00		188 243A 303
	<u>CLOSTRIDIUM PERFRINGENS TYPES C&amp;D ANTITOXIN</u>	
6221.00		124 188 243A 303
	<u>CLOSTRIDIUM PERFRINGENS TYPE D ANTITOXIN</u>	
6201.00		188
	<u>TETANUS ANTITOXIN</u>	
6302.00		52 107 112 165A 188 243A

## BACTERIN-TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>AUTOGENOUS BACTERIN-TOXOID</u>	
7000.00		319
	<u>BORDETELLA BRONCHISEPTICA-CLOSTRIDIUM PERFRINGENS TYPE C- ESCHERICHIA COLI BACTERIN-TOXOID</u>	
7001.00		225
	<u>BORDETELLA BRONCHISEPTICA-CLOSTRIDIUM PERFRINGENS TYPE C- ESCHERICHIA COLI-PASTEURELLA MULTOCIDA BACTERIN-TOXOID</u>	
7050.00		213
	<u>BORDETELLA BRONCHISEPTICA-ERYSIPELOTHRIX RHUSIOPATHIAE-PASTEURELLA MULTOCIDA BACTERIN-TOXOID</u>	
7054.00		225
7055.00		165A
	<u>BORDETELLA BRONCHISEPTICA-ESCHERICHIA COLI-PASTEURELLA MULTOCIDA BACTERIN-TOXOID</u>	
7057.00		243A
	<u>BORDETELLA BRONCHISEPTICA-PASTEURELLA MULTOCIDA BACTERIN-TOXOID</u>	
7060.00		124 243A 319
7080.00		165A
	<u>CLOSTRIDIUM BOTULINUM TYPE C BACTERIN-TOXOID</u>	
7010.00		165A 245
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-HAEMOLYTICUM-NOVYI-SORDELLII BACTERIN-TOXOID</u>	
7070.00		52 107
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-HAEMOLYTICUM-NOVYI-SORDELLII- LEPTOSPIRA POMONA BACTERIN-TOXOID</u>	
7090.00		107

## BACTERIN-TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-HAEMOLYTICUM-NOVYI-SORDELLII- PASTEURELLA HAEMOLYTICA-MULTOCIDA BACTERIN-TOXOID</u>	
7140.00		107
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-HAEMOLYTICUM-NOVYI-SORDELLII- PERFRINGENS TYPES C&amp;D BACTERIN-TOXOID</u>	
7160.00		52 107 124 225 303
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-HAEMOLYTICUM-NOVYI-SORDELLII- PERFRINGENS TYPES C&amp;D-LEPTOSPIRA POMONA-PASTEURELLA HAEMOLYTICA- MULTOCIDA BACTERIN-TOXOID</u>	
7270.00		107
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-HAEMOLYTICUM-NOVYI-TETANI-PERFRINGENS TYPES C&amp;D BACTERIN-TOXOID</u>	
7280.00		107
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI BACTERIN-TOXOID</u>	
7330.00		52 124 188
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI-SORDELLII BACTERIN-TOXOID</u>	
7390.00		52 112 124 188 213 225 272
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI-SORDELLII-HAEMOPHILUS SOMNUS BACTERIN-TOXOID</u>	
7400.00		52 124 225
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI-SORDELLII-PASTEURELLA HAEMOLYTICA-MULTOCIDA BACTERIN-TOXOID</u>	
7448.00		52
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI-SORDELLII-PERFRINGENS TYPES C&amp;D BACTERIN-TOXOID</u>	
7410.00		52 107 112 124 225 272



## BACTERIN-TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
7410.B0		331
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI-SORDELLII-PERFRINGENS TYPES C&amp;D- HAEMOPHILUS SOMNUS BACTERIN-TOXOID</u>	
7423.00		52 107 124 225 303
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI-SORDELLII-PERFRINGENS TYPES C&amp;D- MORAXELLA BOVIS BACTERIN-TOXOID</u>	
7425.00		124 165A
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-SORDELLII BACTERIN-TOXOID</u>	
7500.00		107
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-SORDELLII-PASTEURELLA HAEMOLYTICA- MULTOCIDA BACTERIN-TOXOID</u>	
7530.00		107
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-SORDELLII-PERFRINGENS TYPES C&amp;D BACTERIN-TOXOID</u>	
7561.00		107
	<u>CLOSTRIDIUM HAEMOLYTICUM-NOVYI BACTERIN-TOXOID</u>	
7590.00		107
	<u>CLOSTRIDIUM HAEMOLYTICUM-NOVYI-PERFRINGENS TYPES C&amp;D BACTERIN-TOXOID</u>	
7620.00		107
	<u>CLOSTRIDIUM NOVYI BACTERIN-TOXOID</u>	
7680.00		188
	<u>CLOSTRIDIUM PERFRINGENS TYPE C BACTERIN-TOXOID</u>	
7800.00		213 303 307 328

## BACTERIN-TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>CLOSTRIDIUM PERFRINGENS TYPE C-ERYSIPELOTHRIX RHUSIOPATHIAE- ESCHERICHIA COLI BACTERIN-TOXOID</u>	
7874.00	COMBINATION PACKAGE	124
	<u>CLOSTRIDIUM PERFRINGENS TYPE C-ESCHERICHIA COLI BACTERIN-TOXOID</u>	
7890.00		165A 189 213 281
7890.01		281
	<u>CLOSTRIDIUM PERFRINGENS TYPES C&amp;D BACTERIN-TOXOID</u>	
7870.00		52 213 225 272
	<u>CLOSTRIDIUM PERFRINGENS TYPES C&amp;D-ESCHERICHIA COLI BACTERIN-TOXOID</u>	
7880.00		225
	<u>CLOSTRIDIUM PERFRINGENS TYPE D BACTERIN-TOXOID</u>	
7840.00		52 213
	<u>ESCHERICHIA COLI BACTERIN-TOXOID</u>	
7850.00		189
7900.R0		189
	<u>SALMONELLA TYPHIMURIUM BACTERIN-TOXOID</u>	
7910.00		165A
	<u>STAPHYLOCOCCUS AUREUS BACTERIN-TOXOID</u>	
7960.00		107

# TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>CLOSTRIDIUM BOTULINUM TYPE B TOXOID</u>	
8010.00		308
	<u>CLOSTRIDIUM PERFRINGENS TYPE C TOXOID</u>	
8101.00		112 188
	<u>CLOSTRIDIUM PERFRINGENS TYPES C&amp;D TOXOID</u>	
8201.00		107 124 188
8201.01		112 112A 124
	<u>CLOSTRIDIUM PERFRINGENS TYPES C&amp;D-TETANUS TOXOID</u>	
8304.00		124 188
	<u>CLOSTRIDIUM PERFRINGENS TYPE D TOXOID</u>	
8301.00		107 112 188
8301.01		112
	<u>CLOSTRIDIUM PERFRINGENS TYPE D-TETANUS TOXOID</u>	
8305.00		112 188
	<u>PASTEURELLA HAEMOLYTICA TOXOID</u>	
8699.00		362
	<u>TETANUS TOXOID</u>	
8601.00		52 107 112 165A 188 189 287 308

# MISCELLANEOUS PRODUCTS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>ALLERGENIC EXTRACT</u>	
9521.00	HOUSE DUST	52A 259 270 294 359
9521.01	HOUSE DUST	52A
9522.01	MIXED RAGWEED	259 294 359
9522.02	MIXED TREES	52A 259 270 294 359
9522.03	MIXED GRASSES	52A 259 270 294 359
9522.04	MIXED WEEDS	52A 259 270 294 359
9522.06	MIXED TREES	52A
9522.07	MIXED GRASSES	52A
9522.08	MIXED WEEDS	52A
9523.00	MIXED MOLDS	52A 259 270 294 359
9523.01	MIXED MOLDS	52A
9524.00	MIXED INHALANTS	259 294 359
9525.00	FLEA ANTIGEN	259 294 359
9527.00	MIXED EPIDERMALS	52A 259 270 294 359
9527.01	MIXED EPIDERMALS	52A
9528.00	MIXED INSECTS	259 294 359
9529.00	MIXED FOODS	294
9531.00	PRESCRIPTION PRODUCT	259 270 294 321
9532.00	INTRADERMAL TEST KIT	259
9533.00	TREATMENT SETS	259
9535.00	TEST & TREATMENT SET	52A
	<u>FLEA ANTIGEN</u>	
9511.00	DESENSITIZING	52 52A
	<u>MYCOBACTERIUM CELL WALL IMMUNOSTIMULANT</u>	
9300.00		289 300

# MISCELLANEOUS PRODUCTS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>PROPIONIBACTERIUM ACNES, IMMUNOSTIMULANT</u>	
9350.00		302 302A
	<u>STAPHYLOCOCCUS AUREUS PHAGE LYSATE</u>	
9355.00		339
	<u>TRANSMISSIBLE GASTROENTERITIS IMMUNITY INDUCER</u>	
9691.00		326



PRODUCTS FOR FURTHER MANUFACTURE

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>ANAPLASMOSIS VACCINE</u>	
A005.50	KILLED	107 329
	<u>AVIAN ENCEPHALOMYELITIS VIRUS</u>	
A051.10		240
	<u>AVIAN PARAMYXOVIRUS</u>	
A005.10	TYPE 3,LIVE VIRUS	240
	<u>AVIAN REOVIRUS INACTIVATED BULK FLUIDS</u>	
A045.00		286
A045.01		286
	<u>BOVINE PARAINFLUENZA 3 VIRUS</u>	
A841.20	MODIFIED LIVE VIRUS	225
	<u>BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3 VACCINE</u>	
A121.21	MODIFIED LIVE VIRUS	225
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA 3 VACCINE</u>	
A171.20	MODIFIED LIVE VIRUS	225
	<u>BOVINE RHINOTRACHEITIS VIRUS</u>	
A101.20	MODIFIED LIVE VIRUS	225
	<u>BOVINE VIRUS DIARRHEA VIRUS</u>	
A201.20	MODIFIED LIVE VIRUS	225
	<u>BRONCHITIS INACTIVATED BULK FLUIDS</u>	
A235.10	MASS TYPE,KILLED VIRUS	286

PRODUCTS FOR FURTHER MANUFACTURE

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>BRONCHITIS VIRUS</u>	
A231.10	MASS TYPE,LIVE VIRUS	279
	<u>BURSAL DISEASE VIRUS</u>	
A271.00	LIVE VIRUS	279
A271.01	LIVE VIRUS	279
A275.00	KILLED VARIANT,VIRAL FLUIDS	286
A275.10	KILLED VIRUS	275A 286
A2A5.10	KILLED VARIANT,VIRAL FLUIDS	275A
	<u>CANINE CORONAVIRUS VACCINE</u>	
A4P5.20		112
	<u>FELINE INFECTIOUS PERITONITIS ANTIGEN</u>	
A029.00		272
	<u>FOWL POX VIRUS</u>	
A621.00	LIVE VIRUS	240
	<u>MAREK'S DISEASE VIRUS</u>	
A641.00	LIVE TURKEY HERPESVIRUS,CELL ASSOCIATED	279
	<u>NEWCASTLE DISEASE VIRUS</u>	
A705.10	B1 TYPE,LASOTA STRAIN,KILLED VIRUS	286
A711.10	B1 TYPE,B1 STRAIN,LIVE VIRUS	279
A721.11	B1 TYPE,LASOTA STRAIN,LIVE VIRUS	279
	<u>PARAINFLUENZA 3 VIRUS</u>	
A841.00	MODIFIED LIVE VIRUS	52

PRODUCTS FOR FURTHER MANUFACTURE

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>PARVOVIRUS VACCINE</u>	
A8P5.00	KILLED VIRUS	195
A8P5.20	KILLED VIRUS	189
	<u>PORCINE ROTAVIRUS-TRANSMISSIBLE GASTROENTERITIS VACCINE</u>	
A9H1.20	MODIFIED LIVE VIRUS	281
	<u>PSEUDORABIES VIRUS</u>	
A895.20	KILLED VIRUS	189
	<u>RABIES VIRUS</u>	
A905.20	KILLED VIRUS	189 298
A905.51	KILLED VIRUS	112A 302A
A905.55	KILLED VIRUS	112A
	<u>WART VACCINE</u>	
A985.50	KILLED VIRUS	112A
	<u>BORDETELLA BRONCHISEPTICA</u>	
B100.00	KILLED CULTURE	281
	<u>BORDETELLA BRONCHISEPTICA-ERYSIPELOTHRIX RHUSIOPATHIAE-PASTEURELLA MULTOCIDA BACTERIN</u>	
B101.00		303
B101.01		307
	<u>BORDETELLA BRONCHISEPTICA-PASTEURELLA MULTOCIDA</u>	
B109.00		307
	<u>CAMPYLOBACTER FETUS BACTERIN</u>	
B862.10	KILLED CULTURE	112A

PRODUCTS FOR FURTHER MANUFACTURE

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM BACTERIN</u>	
B401.00		112A
	<u>EHRlichia RISTICII BACTERIN</u>	
B639.00	KILLED CULTURE	329
	<u>ERYSIPELOTHRIX RHUSIOPATHIAE BACTERIN</u>	
B641.00		112A 189
	<u>ESCHERICHIA COLI BACTERIN</u>	
B648.53		303
B648.55		264
	<u>HAEMOPHILUS PARASUIS-PLEUROPNEUMONIAE-PASTEURELLA MULTOCIDA BACTERIN</u>	
B674.00		303
	<u>HAEMOPHILUS PLEUROPNEUMONIAE</u>	
B657.00	KILLED CULTURE	301 303
	<u>HAEMOPHILUS SOMNUS</u>	
B659.00	KILLED VIRUS	303
	<u>LEPTOSPIRA CANICOLA</u>	
B661.00	KILLED CULTURE	195
	<u>LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA VACCINE</u>	
B665.00	KILLED CULTURE	107 213
	<u>LEPTOSPIRA CANICOLA-ICTEROHAEMORRHAGIAE BACTERIN</u>	
B671.00	KILLED CULTURE	112 195

PRODUCTS FOR FURTHER MANUFACTURE

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>LEPTOSPIRA ICTEROHAEMORRHAGIAE</u>	
B66A.00	KILLED CULTURE	195
	<u>MORAXELLA BOVIS</u>	
B772.01	KILLED CULTURE, STRAINS EPP 63 & FLA 64	165A
	<u>MYCOPLASMA GALLISEPTICUM ANTIGEN</u>	
B070.00		298
	<u>PASTEURELLA HAEMOLYTICA BACTERIN</u>	
B69A.00		112A
	<u>PASTEURELLA MULTOCIDA BACTERIN</u>	
B702.13	AVIAN ISOLATES, TYPES 1, 3 & 4	275A
	<u>PASTEURELLA MULTOCIDA TYPE A</u>	
B701.01	KILLED CULTURE	281
	<u>PASTEURELLA MULTOCIDA TYPE D</u>	
B701.04	KILLED CULTURE	281
	<u>ESCHERICHIA COLI ANTISERUM</u>	
C526.00	BOVINE ORIGIN	361
	<u>ESCHERICHIA COLI MONOCLONAL ANTIBODY</u>	
C525.00		344A
	<u>NORMAL SERUM</u>	
C600.00	EQUINE ORIGIN	322 366
C602.00	EQUINE ORIGIN	328



PRODUCTS FOR FURTHER MANUFACTURE

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>WHEY GLOBULIN CONCENTRATE</u>	
C604.00	BOVINE ORIGIN	340
	<u>PARVOVIRUS VACCINE-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
D975.00	KILLED VIRUS	195
	<u>AVIAN ENCEPHALOMYELITIS VIRUS</u>	
E055.10	KILLED VIRUS	240
	<u>AVIAN REOVIRUS</u>	
E045.10	KILLED VIRUS	240
	<u>AVIAN REO VIRAL</u>	
E041.00	LIVE VIRUS	240
	<u>BRONCHITIS VIRUS</u>	
E231.11	MASS TYPE,LIVE VIRUS	240
E235.11	KILLED VIRUS	240
	<u>BURSAL DISEASE VIRUS</u>	
E271.10	LIVE VIRUS	240
E275.10	KILLED VIRUS	240
	<u>CANINE HEARTWORM ANTIGEN TEST KIT</u>	
E018.00		346
	<u>CANINE HEARTWORM ANTISERUM</u>	
E019.00	RABBIT ORIGIN	361
	<u>FELINE LEUKEMIA VIRUS ANTISERUM</u>	
E026.00	RABBIT ORIGIN	361

PRODUCTS FOR FURTHER MANUFACTURE

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>NEWCASTLE DISEASE VIRUS</u>	
E711.10	B1 TYPE,B1 STRAIN,LIVE VIRUS	240
E721.10	B1 TYPE,LASOTA STRAIN,LIVE VIRUS	240
	<u>NEWCASTLE VIRUS</u>	
E725.10	B1 TYPE,LASOTA STRAIN,KILLED VIRUS	240
	<u>STAPHYLOCOCCUS AUREUS ANTIBODY TEST KIT</u>	
E850.00	ANTIGEN & ANTIBODY	332
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI-SORDELLII-PERFRINGENS TYPES C&amp;D- HAEMOPHILUS SOMNUS BACTERIN-TOXOID</u>	
G410.00		52 225
G423.00		107
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI-SORDELLII-PERFRINGENS TYPES C&amp;D- MORAXELLA BOVIS BACTERIN-TOXOID</u>	
G425.00		124
	<u>ESCHERICHIA COLI</u>	
G900.R0	KILLED CULTURE	189
	<u>CLOSTRIDIUM PERFRINGENS TYPE C TOXOID</u>	
H101.00		107 112A 188
	<u>CLOSTRIDIUM PERFRINGENS TYPE D TOXOID</u>	
H301.01		112A
	<u>SALMONELLA TYPHIMURIUM TOXIN</u>	
H910.00		300

PRODUCTS FOR FURTHER MANUFACTURE

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>TETANUS TOXOID</u>	
H601.00	KILLED CULTURE	112B
	<u>PROPIONIBACTERIUM ACNES</u>	
I350.00		302

# INDEX OF PRODUCT COMPONENTS

COMPONENT	PAGE
ALEUTIAN DISEASE	69
ANAPLASMA MARGINALE	19, 84
AVIAN ENCEPHALOMYELITIS VIRUS	19, 34, 69, 84, 89
AVIAN INFLUENZA VIRUS	19
AVIAN LEUKOSIS VIRUS	69
AVIAN PARAMYXOVIRUS	19, 84
AVIAN REOVIRUS	20, 69, 84, 89
BACILLUS ANTHRACIS	19
BACTEROIDES NODOSUS	40
BLUETONGUE VIRUS	20, 69
BORDETELLA BRONCHISEPTICA	20, 28, 40, 41, 55, 62, 63, 64, 67, 77, 86
BOVINE CORONAVIRUS	22, 60
BOVINE LEUKEMIA VIRUS	69
BOVINE PARAINFLUENZA	20
BOVINE RESPIRATORY SYNCYTIAL VIRUS	20, 21, 22, 57, 59, 60
BOVINE RHINOTRACHEITIS VIRUS	20, 21, 22, 55, 56, 57, 58, 59, 60, 84
BOVINE ROTAVIRUS	22, 60
BOVINE VIRUS DIARRHEA VIRUS	21, 22, 23, 57, 58, 59, 60, 61, 84
BRUCELLA ABORTUS	24, 69
BRUCELLA MELITENSIS OVIS	49
BURSAL DISEASE VIRUS	20, 23, 24, 25, 26, 61, 72, 74, 85, 89
CAMPYLOBACTER FETUS	41, 42, 46, 58, 59, 61, 86
CANINE ADENOVIRUS TYPE 2	26, 27, 61, 62, 63
CANINE CORONAVIRUS	26, 61, 62, 85
CANINE DISTEMPER	26, 27, 28, 62, 63, 70
CANINE HEPATITIS	27, 28, 62, 63

# INDEX OF PRODUCT COMPONENTS

COMPONENT	PAGE
CANINE PARAINFLUENZA VIRUS	26, 27, 28, 62, 63, 64
CANINE PARVOVIRUS	26, 27, 28, 61, 62, 63, 70
CHLAMYDIA PSITTACI	28, 31, 41, 42
CLOSTRIDIUM BOTULINUM TYPE B	81
CLOSTRIDIUM BOTULINUM TYPE C	65, 77
CLOSTRIDIUM CHAUVOEI	42, 43, 77, 78, 79, 87, 90
CLOSTRIDIUM HAEMOLYTICUM	42, 43, 77, 78, 79
CLOSTRIDIUM NOVI	77, 78, 79, 90
CLOSTRIDIUM PERFRINGENS	60, 67, 68, 76, 77, 78, 79, 80, 81, 90
CLOSTRIDIUM SEPTICUM	42, 43, 77, 78, 79, 87, 90
CLOSTRIDIUM SORDELLII	77, 78, 79, 90
CLOSTRIDIUM TETANI	78
COCCIDIA SPECIES	28
CORYNEBACTERIUM PYROGENES	43, 52
DIROFILARIA IMMITUS	70, 89
DUCK VIRUS ENTERITIS VIRUS	29
ECTROMELIA	70
EHRlichia RISTICII	43, 87
EQUINE INFECTIOUS ANEMIA VIRUS	70
EQUINE INFLUENZA VIRUS	29, 30, 64
EQUINE RHINOPNEUMONITIS VIRUS	29, 30
EQUINE VIRAL ARTERITIS	30
ERYSIPELOTHRIX RHUSIOPATHIAE	20, 30, 40, 41, 43, 52, 55, 64, 66, 67, 77, 80, 86, 87
ESCHERICHIA COLI	40, 41, 42, 44, 45, 52, 53, 60, 67, 68, 71, 77, 80, 87, 88, 90
FASCIOLA HEPATICA	71



# INDEX OF PRODUCT COMPONENTS

COMPONENT	PAGE
FELINE CALICIVIRUS	30, 31, 32
FELINE INFECTIOUS PERITONITIS	30, 71, 85
FELINE LEUKEMIA VIRUS	30, 71, 89
FELINE PANLEUKOPENIA VIRUS	30, 31, 32
FELINE RHINOTRACHEITIS VIRUS	30, 31, 32
FOWL LARYNGOTRACHEITIS VIRUS	32
FOWL POX VIRUS	19, 32, 85
FOX ENCEPHALITIS VIRUS	32
HAEMOPHILUS PARAGALLINARUM	45
HAEMOPHILUS PARASUIS	45, 87
HAEMOPHILUS PLEUROPNEUMONIAE	40, 43, 45, 46, 87
HAEMOPHILUS SOMNUS	46, 55, 56, 57, 58, 78, 79, 87, 90
HEMORRHAGIC ENTERITIS VIRUS	32
INFECTIOUS BRONCHITIS VIRUS	72
KILHAM RAT VIRUS	72
LEPTOSPIRA CANICOLA	41, 42, 43, 46, 47, 55, 56, 57, 58, 59, 60, 61, 64, 66, 67, 72, 87, 89
LEPTOSPIRA GRIPPO	42, 43, 46, 47, 55, 56, 57, 58, 59, 60, 61, 64, 66, 67, 72, 87, 89
LEPTOSPIRA HARDJO	42, 43, 46, 47, 55, 56, 57, 58, 59, 60, 61, 64, 66, 67, 72, 87, 89
LEPTOSPIRA ICTEROHAEMORRHAGIAE	41, 42, 43, 46, 47, 55, 56, 57, 58, 59, 60, 61, 64, 66, 67, 72, 87, 88, 89
LEPTOSPIRA POMONA	42, 43, 46, 47, 48, 55, 56, 57, 58, 59, 60, 61, 64, 65, 66, 67, 72, 77, 78, 87, 89
LYMPHOCYTIC MONOCYTOGENES	72
MAREK'S DISEASE VIRUS	24, 32, 33, 85
MEASLES VIRUS	27, 28, 33

# INDEX OF PRODUCT COMPONENTS

COMPONENT	PAGE
MINK DISTEMPER VIRUS	33, 65
MINK ENTERITIS VIRUS	33, 65
MORAXELLA BOVIS	46, 48, 79, 88, 90
MOUSE HEPATITIS	72
MURINE ENCEPHALOMYELITIS	73
MYCOPLASMA GALLISEPTICUM	34, 48, 65, 73, 88
MYCOPLASMA MELEAGRIDIS	73
MYCOPLASMA PULMONIS	73
MYCOPLASMA SYNOVIAE	48, 73
NEWCASTLE DISEASE VIRUS	26, 34, 65, 74, 90
OVINE ECTHYMA VIRUS	36
PACHECO'S DISEASE	36
PARAINFLUENZA 3 VIRUS	21, 22, 36, 55, 56, 58, 59, 60, 65, 84, 85
PARVOVIRUS	26, 27, 28, 37, 61, 62, 63, 66, 67, 70, 86, 89
PASTEURELLA ANATIPESTIFER	37, 45, 48
PASTEURELLA HAEMOLYTICA	37, 43, 45, 46, 48, 49, 52, 55, 56, 57, 58, 59, 60, 78, 79, 81, 88
PASTEURELLA MULTOCIDA	37, 40, 41, 43, 45, 46, 48, 49, 52, 53, 55, 56, 57, 58, 59, 61, 66, 67, 74, 77, 78, 79, 86, 87, 88
PIGEON POX VIRUS	37
PORCINE ROTAVIRUS	38, 67, 86
PSEUDOMONAS AERUGINOSA	49, 65
PSEUDORABIES VIRUS	38, 66, 67, 74, 86
PSITTACINE POX	38
QUAIL POX	38
RABIES VIRUS	31, 32, 38, 86

# INDEX OF PRODUCT COMPONENTS

COMPONENT	PAGE
RAT CORONAVIRUS	75
REOVIRUS	25
ROTAVIRUS	22, 38, 60, 67, 86
SALMONELLA CHOLERAESUIS	45, 49
SALMONELLA DUBLIN	49
SALMONELLA TYPHIMURIUM	45, 49, 50, 52, 53, 80, 90
SENDAI VIRUS	75
STAPHYLOCOCCUS AUREUS	47, 50, 75, 80, 83, 90
STREPTOCOCCUS EQUI	50
STREPTOCOCCUS EQUISIMILUS	53
STREPTOCOCCUS PYOGENES, GROUP E	50, 53
STREPTOCOCCUS SUIS	50, 53
TENOSYNOVITIS VIRUS	39
TETANUS	64, 76, 81, 91
TRANSMISSABLE GASTROENTERITIS VIRUS	38, 39, 67, 68, 83, 86
TRITRICHOMONAS FOETUS	50
TURKEY POX	39
VESICULAR STOMATITIS VIRUS	39
VIBRIO ANGUILLARUM	50, 51
VIBRIO ORDALII	50
VIBRIO SALMONICIDA	50, 51
WART	39, 86
YERSINIA RUCKERI	50, 51











